

**Volume**

**#**

**R0549**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

Of the ..... Meridian,

In the State of .....

EXECUTED BY

Under special instructions dated ....., 19....., which provided  
for the surveys included under Group No. ...., approved .....  
and assignment instructions dated ....., 19.....

Survey commenced ....., 19.....

Survey completed ....., 19.....



# INDEX DIAGRAM

Township 41 SOUTH, Range 2 EAST

6	5	4	29	3	33	2	32	1	24
						32			
7	8	9	29	10		11		12	23
		35							
16	17	34	16	28	15	14		13	23
		34							
19	20	21	27	22		23		24	22
30	29	28	27	27		26		25	21
	37							25	
31	37	32	36	33	26	34	35	25	36

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# INDEX DIAGRAM

Township 41 SOUTH , Range 3 EAST

6	5	4	54	3	56	2	57	1	48
						56			
7	8	9	53	10		11		12	48
		59							
13	17	58	16	53	15	14		18	47
		58							
19	20	21	52	22		23		24	46
20	20	26	51	27		26		25	45
	61							50	
31	60	32	60	33	51	34		35	49
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# INDEX DIAGRAM

Township 41 SOUTH, Range 4 EAST

6	5	4	78	3	79	2	81	1	72
						80			
7	8	9	77	10		11		12	71
		82							
16	17	82	16	76	15	14		13	71
		81							
19	20	21	76	22		23		24	70
30	29	28	75	27		26		25	69
	85							74	
31	84	32	83	33	75	34	35	73	36
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# INDEX DIAGRAM

Township 41 SOUTH, Range 5 EAST

1	2	3	102	104	105	96
				104		
7	8	9	101	10	11	95
			107			
13	17	106	10	100	14	95
			106			
19	20	21	99	22	23	94
26	29	28	99	27	26	93
31	109	32	108	33	99	34

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*Survey commenced* ....., 19.....

Survey completed \_\_\_\_\_, 19\_\_\_\_



# INDEX DIAGRAM

Township 41 SOUTH, Range 6 EAST

6	5	4	129	3	133	2	131	1	122
						132			
7	8	9	128	10		11		12	121
			135						
16	17	134	16	127	15	14		13	120
			133						
19	20	21	126	22		23		24	120
20	29	28	125	27		26		25	119
	137							124	
31	136	32	136	33	124	34	35	123	36
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Survey completed ....., 19.....

# INDEX DIAGRAM

Township 41 SOUTH, Range 7 EAST

6	5	4	155	3	158	2	157	1	149
							158		
7	8	9	155	10		11		12	148
			160						
18	17	160	16	154	15	14		13	148
			159						
19	20	21	153	22		23		24	147
30	29	28	152	27		26		25	146
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31	162	32	161	33	151	34		35	150
								36	146

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# INDEX DIAGRAM

Township 41 SOUTH, Range 8 EAST

6	5	4	179	3	181	2	183	1	174
						182			
7	8	9	179	10		11		12	173
13	17	184	185	16	178	15	14	13	172
			183						
19	20	21	177	22		23		24	171
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31	186	32	187	33	185	34	174	35	170

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Survey completed ....., 19.....

# INDEX DIAGRAM

Township 41 SOUTH, Range 8½ EAST

6	5	4	3	2	1
				198	
				199	
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
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Survey completed ... .., 19.....



# INDEX DIAGRAM

Township 41 SOUTH, Range 9 EAST

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		229		
218 1	. 224 .	10	11	12
		232		
217 12	17 225 10	231 15	14	13
		231		
216 19	20 224 21	22	23	24
216 30	29 223 28	27	26	25
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215 31	233 30 222 29	24	25	219 20
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Meanders of the Colorado River - pages 234-235 <sup>SPS 886110</sup>

Meanders of the San Juan River - pages 235, 236, & 239

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Survey completed ....., 19.....

# INDEX DIAGRAM

Township 41 SOUTH, Range 10 EAST

254 •	•	•	261 •	264 •	263 •
				264	
254 7	•	•	261 10	11	12
		266			
253 18	17	265 16	260 15	14	13
		265			
252 19	20	21	259 22	23	24
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Meanders of the San Juan River through  
 section 36, pages 268, 269, & 270

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Survey completed ....., 19.....

# INDEX DIAGRAM

Township 42 SOUTH, Range 5 EAST

284	283	283	282	281	281
6	5	4	289 3	291 2	290 1 280
				291	
7	8	9	289 10	11	12 279
		293			
16	17	292 16	288 15	14	13 278
		292			
19	20	21	287 22	23	24 276
30	29	28	287 27	26	25 277
	295				286
31	295 32	294 33	286 34	35	285 36 276

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Survey completed ....., 19.....

# INDEX DIAGRAM

Township 42 SOUTH, Range 6 EAST

306	306	305	304	304	303
•	• 316 •	•	• 311 •	• 316 •	• 311
			317		
7	• 315 •		10	11	12 310
		320			
18	17 314 16	319 15	14	13	309
		318			
19	20 314 21	22	23	24	307
20	29 313 28	27	26	25	308
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31 320 32	312 33	34	35	311 36	307

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# INDEX DIAGRAM

Township 42 SOUTH, Range 7 EAST

333 6	332 7 348 8	332 9	331 10 348 11 349	330 12 349	330 13 334
7	8 347 9		10	11	12 335
		351			
16	17 346 18 351 19			14	15 335
		350			
19	20 345 21		22	23	24 336
26	27 344 28		27	26	25 337
	353				343
31 352 32 344 33			34	35 342 36 337	
342	341	340	339	338	338

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Survey completed ....., 19.....

1471

# INDEX DIAGRAM

Township 42 SOUTH, Range 8 EAST

362	363	364	365	365	366
•	•	•	383	385	383
				384	
7	8	9	382	10	11
			387		
18	17	386	16	382	15
			385		
19	20	21	381	22	23
30	29	28	380	27	26
			389		
31	388	32	379	34	35
376	376	374	374	373	372

Meanders of the Colorado River on  
pages 390 & 391

GPO 866118

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# INDEX DIAGRAM

Township 42 SOUTH, Range 8 $\frac{1}{2}$  EAST

6	5	4	3	2 401 401	1
7	8	9	10	11	12
13	17	16	15	14	13
19	20	21	22	23	24
29	29	28	27	26	25
31	32	33	34	35	36

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Survey completed ....., 19.....

1477

# INDEX DIAGRAM

Township 40½ SOUTH, Range 9 EAST

	6	5	4	3	2	1
	7	8	9	10	11	12
	13	17	16	15	14	13
	19	20	21	22	23	24
414	30	29	28	27	26	25
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413	31	417 32	416 33	34	35	415 36
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GPO 886118

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# INDEX DIAGRAM

Township 40 SOUTH, Range 2 EAST

6	5	4	441	3	443	2	442	1	436
							442		
7	8	9	440	10		11		12	435
			445						
16	17	444	16	440	15	14		13	434
			444						
19	20	21	439	22		23		24	434
30	29	28	438	27		26		25	433
	447							437	
31	446	32	445	33	438	34		35	436
									432
428	429	430		430		431		431	

UNITED STATES  
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ORIGINAL

# FIELD NOTES

OF THE SURVEY OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 41 SOUTH, RANGE 2 EAST

Of the SALT LAKE Meridian,

in the State of UTAH

EXECUTED BY

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Boyd S. Owens, Cartographic Survey Aid

Under special instructions dated August 27, 1956, which provided

for the surveys included under Group No. 408, approved November 8, 1956

and assignment instructions dated May 7, 1958

Survey commenced May 15, 1958

Survey completed June 4, 1958

# INDEX DIAGRAM

Township 41 South, Range 2 East

6	5	4 10	3 14	2 13	1 5
7	8	9 10	10	11	12 4
18	17 15	16 9	15	14	13 4
19	20	21 8	22	23	24 3
30	29 18	28 7	27	26	25 2
31 18	32 17	33 7	34	35 6	36 1

Boyd Owens

16-56770-1

2166

**Township 41 South, Range 2 East**

**Chains**

The south and west boundaries of the township were surveyed by T. C. Rathbone in 1917. The north boundary, being the Eighth Standard Parallel, was surveyed by K. Witt in 1956.

The following field notes are those of the survey of the east boundary, a portion of the subdivision of T. 41 S., R. 2 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with a W. & L. E. Gurley solar transit, serial No. 560147, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment. Horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 11' 40.2" N. and longitude 111° 37' 58.3" W. as adjusted from traverses to U.S.G.S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' E.

**Survey of the East Boundary, T. 41 S., R. 2 E.**

Beginning at the cor. of Tps. 41 and 42 S., Rs. 2 and 3 E., monumented by a 3 in. iron post, set, mkd. and witnessed as described in the official record.

North, bet. secs. 31 and 36.

Over rolling and broken land, through scattered undergrowth; desc. 20 ft.

## Survey of the East Boundary, T. 41 S., R. 2 E.

Chains

20.00

Wash, 30 lks. wide, 1 ft. deep, drains N. 70° E.; asc. 110 ft. over rolling land.

38.70

Top of sandstone ledge facing S.; thence over nearly level land.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S  
R2E R3E

$\frac{1}{4}$   
S36|S31  
1958

Thence by triangulation, topography taken from U.S.G.S. topographic sheet.

Desc. about 80 ft. over rolling and broken land.

64.00

Draw, drains E.; asc. about 80 ft. over broken land.

72.00

Base of ledgy SE. slope; asc. about 150 ft.

79.50

Point selected for the witness cor. of secs. 25, 30, 31 and 36.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 12 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S  
R2E R3E  
W C  
S25|S30  
S36|S31  
1958

End of triangulation.

Asc. about 10 ft. over steep S. slope.

80.00

True point for the cor. of secs. 25, 30, 31 and 36 falls on S. face of dome where cor. cannot be perpetuated.

Land, rolling and broken.

Soil, clay loam and rocky.

Timber, none.

Undergrowth, scattered shadscale, blackbrush, Brigham tea, grass and yellow brush.

North, bet. secs. 25 and 30.

Over rolling and broken land; asc. 10 ft. over S. slope.

0.50

Top of dome on broken spur projecting NE.; desc. 180 ft. over broken NW. slope.

18.10

Slope changes to SW.; asc. 60 ft.

22.80

Small finger spur, slopes W.; desc. 90 ft. over general NW. slope.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30.

S. 2 E. 1/4 Sec. 19, T. 41 S., R. 2 E.

Chains	
27.00	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, in a mound of stone, 4 1/2 ft. base to top, with brass cap mkd.
32.00	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.
38.00	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.
43.90	Top of spur, projects E.; desc. 160 ft. over broken land.
76.80	Wash, 40 lks. wide, 1 ft. deep, drains NE.; asc. 60 ft.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	Land, rolling and broken.
	Soil, clay loam and rocky.
	Timber, none.
	Undergrowth, scattered shadscale, yellow brush, loco weed, blackbrush and Brigham tea.
	North, bet. secs. 19 and 24.
	Over rolling and broken land; asc. 20 ft. over rolling bench.
9.30	By triangulation; desc. about 200 ft. over broken slope; topography taken from U. S. G. S. topographic sheet.
28.00	Wash, 40 lks. wide, 1 ft. deep, drains irregularly S. 70° E.; asc. about 200 ft. over broken land facing S.
40.00	Point for the E. sec. cor. of secs. 19 and 24.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	Asc. about 130 ft. over broken ledgy S. slope.
58.00	Spur, slopes E.; cont. along broken and ledgy E. slope.
80.00	True point for the cor. of secs. 13, 18, 19 and 24 falls on ledgy E. slope where cor. cannot be perpetuated.
	Land, mostly broken.
	Soil, mostly rocky.
	Timber, none.
	Undergrowth, scant.

## Survey of the East Boundary, T. 42 N., R. 2 E.

Chains		0.00
	North, bet. secs. 19 and 18.	
	Over broken and ledgy land; asc. about 160 ft. over broken SE. slope.	
3.00	Point selected for the witness cor. of secs. 13, 18, 19 and 24.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.	
	T41S R2E R3E S13 S18 S24 S19 1958	00.00
3.25	End of triangulation.	
	Asc. 110 ft. over steep broken SE. slope.	
6.30	Spur, projects E.; desc. 280 ft. over broken NE. slope.	
17.90	Draw, drains irregularly E.; desc. 50 ft. over broken rolling land.	
40.00	Point for the ¼ sec. cor. of secs. 13 and 18.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.	
	T41S R2E R3E * S13 S18 1958	
	Cor. is located on small broken spur sloping NE.	
	Desc. 170 ft. over rolling and broken NE. slope.	
66.10	Wash, 40 fms. wide, 2 ft. deep, drains S. 60° E.; asc. 80 ft. over rolling bench land.	
80.00	Point for the cor. of secs. 7, 12, 13 and 18.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.	
	T41S R2E R3E S12 S 7 S13 S18 1958	
	Land, broken and rolling.	
	Soil, clay loam and rocky.	
	Timber, none.	
	Undergrowth, scant yellow brush, shadscale, grass, loco weed and blackbrush.	
	North, bet. secs. 7 and 12.	
	Over rolling benchland; asc. 70 ft.	

Survey of the East Boundary, T. 41 S., R. 2 E.

Chains	
22.80	Top of ascent; dead 20 ft. over gentle NE. slope, 3 m. N. of bench.
29.40	Small draw, drains SE; asc. 20 ft. over rolling land to
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 ins. in the ground, in a mound of stone, 2 ft. base to top, with brass cap mkd. T41S R2E R3E S12 S 7 1958
79.80	The cor. is located at base of steep, ledgy spur projecting SE. By triangulation; asc. 1,020 ft. over broken and ledgy SW. slope.
80.00	Top of nearly vertical ledges facing SW.; thence over broken benchland. Point for the cor. of secs. 1, 6, 7 and 12. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd. T41S R2E R3E S 1 S 6 S12 S 7 1958
	Land, benchland S. $\frac{1}{2}$ mile, broken ledges N. $\frac{1}{2}$ mile. Soil, clay loam S. $\frac{1}{2}$ mile, rocky N. $\frac{1}{2}$ mile. Timber, widely scattered juniper and pinon. Undergrowth, scattered black brush, Brigham tea, shadscale and grass.
	North, bet. secs. 1 and 6. Over broken land; asc. 20 ft. over SW. slope through moderate timber.
10.20	N. rim of bench; thence by triangulation desc. over inaccessible series of broken ledges facing E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 6 falls on inaccessible ledges facing E. and is not monumented.
	Cont. descent over ledgy E. slope.
86.56	Intersect the Eighth Standard Parallel South at the point for the closing cor. of Tps. 41 S., Rs. 2 and 3 E. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone to top, with brass cap mkd. T40S R3E S31 S1 S 6 R2E R3E C C 1958
	From this closing cor. the standard Tp. cor. of Tps. 40 S., Rs. 2 and 3 E. bears W. 2 lks. dist.; an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.



## Survey of a

Part of the Substation, T-34105 rev. 22 E.

Chains		Notes	Station
		From the cor. of secs. 25, 35 and 36, on the S. bdy. of the Tp., monumented by an iron post, 2 ins. diam., firmly set, mkd. and witness as described in the official record.	00.00
		N. 0° 01' W., bet. secs. 35 and 36.	00.00
8.50		Over rolling and broken land; asc. 60 ft. over S. slope.	
24.20		Top of ascent, bears E. and W.; desc. 40 ft. over N. slope.	
40.00		Point for the 1/4 sec. cor. of secs. 35 and 36.	
		Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.	
		T41S R2E S35 S36 1958	00.00
		By triangulation, asc. 770 ft. over talus slope and series of broken ledges facing SW.	
73.20		Rim of island mesa, bears NW. and SE.; thence over top of mesa.	
75.30		Rim of same mesa, facing NE., bears NW. and SE.; desc. 150 ft. over broken ledges and steep slope facing NE.	
80.00		Point for the cor. of secs. 25, 35 and 36.	
		Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.	
		T41S R2E S26 S25 S35 S36 1958	00.00
		Land, rolling and broken.	
		Soils, clay loam to rocky.	
		Timber, none.	
		Undergrowth, scattered black brush, shadscale, loco weed and grass.	
		From the true point for the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., follows a broken ridge to the S. 89° 59' W., bet. secs. 25 and 36.	
		Over broken land; asc. about 290 ft.	
20.00		Spur, slopes NE.; thence along rough ledgy N. slope.	
39.905		True point for the 1/4 sec. cor. of secs. 25 and 36, falls on precipitous slope where the cor. cannot be monumented.	
47.70		Point selected for the witness 1/4 sec. cor. of secs. 25 and 36.	
		Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.	

## Survey of A Portion of the Subdivision, T44S, R2E.

Chains	
78.00	<p>The cor. is located on a spur sloping N. along rough broken N. slope.</p> <p>Slope changes to NE.; asc. 60 ft.</p>
79.81	<p>The cor. of sec. 25, 26, 35 and 36.</p> <p>Land, broken.</p> <p>Soil, rocky.</p> <p>Timber, none.</p> <p>Undergrowth, scant.</p>
	<p>From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., which is mkd. by an iron post, 2 ins. diam., conforming to the record.</p> <p>N. 0° 02' W., bet. secs. 33 and 34.</p> <p>Over broken exposed sandstone surface, through scattered juniper; asc. 15 ft.</p>
.70	Top of ledge facing S.; desc. 80 ft. over broken land draining E.
22.10	Wash, 1.00 ch. wide, 1 ft. deep, course NE.; desc. 30 ft. over general NE. slope.
40.00	Point for the ½ sec. cor. of secs. 33 and 34.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p>T41S R2E ½ S33 S34 1958</p> <p>Desc. 70 ft. along general NE. slope.</p>
66.80	Slope changes to N.; desc. 40 ft.
73.20	S. rim of canyon facing N., bears E. (and SW); desc. 220 ft. over ledges on steep N. slope.
80.00	Point for the cor. of secs. 27, 28, 33 and 34.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p>T41S R2E S28 S27 S33 S34 1958</p> <p>Land, broken.</p> <p>Soil, considerable exposed sandstone and sand.</p> <p>Timber, scattered dwarf juniper and pinon.</p> <p>Undergrowth, scattered shadscale, Brigham tea, grass and loco weed.</p>

## Survey of a Portion of the subdivision T41S R2E.

Chains		asc. 10
	N. 0° 02' W., bet. secs. 27 and 28. Over broken land; desc. 250 ft. over ledges on steep N. slope.	
10.20	Ty Hatch Creek, a dry wash, 1.00 ch. wide, 1 ft. deep, drains W.; asc. 400 ft. over ledges on steep S. slope.	
22.80	N. rim of canyon, bears E. and W.; thence over broken exposed sandstone through scattered timber.	60.47
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.	10.20
	T41S R2E $\frac{1}{4}$ S28 S27 1958	
	Desc. 20 ft. over broken exposed sandstone, through scattered juniper and pinon.	
80.00	Point for the cor. of secs. 21, 22 and 28. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T41S R2E S21 S22 S28 S27 1958	
	Land, broken. Soil, sandy with exposed sandstone. Timber, scattered juniper and pinon. Undergrowth, scattered shadscale, Brigham tea, grass and loco weed.	
	N. 0° 02' W., bet. secs. 21 and 22. Over rolling and broken land; desc. gentle N. slope.	
2.60	Draw, drains steeply to W.; asc. 90 ft. over ledges facing SW.	
9.50	Spur, projects N. 70° W.; thence by triangulation, topography estimated; desc. about 300 ft. over ledges facing N.	
16.00	Wash, 30 lks. wide, 25 ft. deep, drains S. 70° W.; a spring bears N. 70° E. about 19 chs. dist.; asc. about 240 ft. over steep slope and ledges facing S.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.	
	T41S R2E S21 S22 1958	
	Asc. 30 ft. over ledge facing S.	

Survey of a Portion of the Subdivision, T. 41 S., R. 2 E.

Chains	
40.60	Top of ledge, asc. 570 ft. over broken rocky talus slope facing S.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R2E S16 S15 S21 S22 1958
	Land, broken.
	Soil, sandy, rocky and exposed sandstone.
	Timber, scattered scrub juniper and pinion.
	Undergrowth, scattered shadscale, Brigham tea, grass and loco weed.
	N. 0° 02' W., bet. secs. 15 and 16.
	Over broken talus slope; by triangulation asc. 470 ft. over broken slope and ledges facing S.
20.60	S. rim of mesa, bears irregularly NW. and SE.; end of triangulation; desc. 20 ft. over gentle N. slope.
30.40	Point selected for the witness 1/4 sec. cor. of secs. 15 and 16.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R2E 1/4 S16 S15 W C 1958
	By triangulation, topography as estimated; desc. about 160 ft. over ledges facing N.
40.00	True point for the 1/4 sec. cor. of secs. 15 and 16 falls on precipitous N. slope where the cor. cannot be monumented; desc. about 40 ft.
43.00	Wash, in canyon bottom, drains irregularly E.; asc. about 100 ft. over ledges facing S.
46.00	Spur, slopes E.; desc. about 40 ft. over N. slope.
50.00	Draw, drains S. 70° E.; asc. about 40 ft. over SW. slope.
56.90	End of spur projecting from W.; end of triangulation; desc. 200 ft. over N. slope through moderate juniper and pinon.
66.30	Small wash in canyon bottom, drains E.; asc. 120 ft. over ledges facing S.
74.70	Spur, projects SE.; desc. 20 ft. over NE. slope.
79.00	Draw, drains SE.; asc. 20 ft. over ledge facing SW.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.

## Survey of a Portion of the Subdivision, T. 41 S., R. 2 E.

Chains	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T41S R2E S 9 S10 S16 S15 1958</p> <p>Land, broken. Soil, sandy and exposed sandstone. Timber, scattered to moderate juniper and pinon. Undergrowth, scattered shadscale, Brigham tea, grass and yellow brush.</p>
	<p>N. 0° 02' W., bet. secs. 9 and 10.</p> <p>Over rolling and broken land; asc. 60 ft. over ledge facing SW.</p>
2.80	Top of ledge; asc. 50 ft. over general E. slope through heavy juniper and pinon.
25.20	Slope changes to N.; desc. 60 ft.
36.40	Slope changes to NW.; desc. 40 ft.
40.00	Point for the ¼ sec. cor. of secs. 6 and 10.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T41S R2E ¼ S 9 S10 1958</p> <p>Thence by triangulation, topography as estimated; desc. about 500 ft. over ledges on steep N. slope.</p>
68.00	Small wash in canyon bottom, drains E.; asc. about 330 ft. over steep slope and ledges facing S.
80.00	True point for the sec. cor. of secs. 3, 4, 9 and 10 falls on inaccessible ledges facing S. where the cor. cannot be monumented.
	<p>Land, broken, rocky and exposed sandstone. Soil, sandy, rocky with exposed sandstone. Timber, moderate to heavy juniper and pinon. Undergrowth, scattered buck brush, black brush, Brigham tea, silver-leaf, grass and loco weed.</p>
	<p>N. 0° 02' E., bet. secs. 3 and 4.</p> <p>Over broken land; asc. about 200 ft. over ledges on steep S. slope.</p>
7.00	Point selected for the witness cor. of secs. 3, 4, 9 and 10.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p>

Survey of a Portion of the Subdivision, E. 4 E S 34 N R 2 E.

## Chains

T4LS RZE

493

910 S

W C

1958

The witness cor. is located on the N. rim of a canyon, bears E. and W.; asc. 20 ft. over shelf facing S.

6.30 Top of shelf, end of triangulation; asc. 20 ft. over rolling land.

13.40 Slope changes to E.; desc. 40 ft.

40.00	Point for the $\frac{1}{2}$ sec, cor. of secs. 3 and 4.
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Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

**T41S R2E**

S4 | S3

1958

Desc. 30 ft. over rolling land.

51.90 S. rim of canyon, bears E. and SW.; desc. 80 ft. over ledges facing N.

54.10 Small wash in canyon bottom, drains E.; asc. 80 ft. over ledges facing

57.00 N. rim of canyon, bears E. and SW.; asc. 30 ft. over Sedslope facing S.

62.20 Spur, projects E.; desc. 90 ft. over Nedsløpen steep

68.20 Draw, drains E.; asc. 90 ft. over ledges on steep S. slope.

76.00	Spur, slopes E.; desc. 50 ft. over NW. slope.
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81.70 Begin descent over ledges facing NW.; desc. 210 ft.

86.18 Intersect the Eighth Standard Parallel South at the point for the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T40S R2E

5349

5%	53
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412.  
99

CC  
7/12 : 2015

**S R**

From this closing cor., the standard cor. of secs. 33 and 34, T. 40 S., R. 2 E. bears West, 11 lks. dist., mkd. with an iron post, 2½ ins. diam., conforming to the record.

**Land, broken.**

Soil, sand and exposed sandstone.

Timber, medium dense scrub juniper and pinon.

Undergrowth, scattered buck brush, black brush, Brigham tea, silver-leaf, grass and loco weed.

## Survey of a Portion of the Subdivision, T. 41 S., R. 2 E.

Chains

The true point for the cor. of secs. 1 and 2 is on the Eighth Standard Parallel South and at proportionate dist. bet. the NE. cor. of the TP. and the closing cor. of secs. 3 and 4, and falls in an inaccessible canyon draining S.

From the true point, the point selected for the witness cor. of secs. 1 and 2 bears West, 1.75 chs. dist.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) mkd. on sandstone, in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T40S R2E

$$\begin{array}{c} W \\ S2 | S1 C \end{array}$$

T41S R2E

1958

From the true point for the cor. of secs. 1 and 2 the true point for the standard cor. of secs. 35 and 36, bears West, 5 lks. dist., from which its witness cor. bears West, 1.78 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the record.

The point for the N.  $\frac{1}{4}$  sec. cor. of sec. 2 is at midpoint on the N. bdy. of sec. 2, and on the Eighth Standard Parallel South.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground and in a collar of stone, 1 ft. base to top, with brass cap mkd.

T40S R2E

$$\begin{array}{c} S2 \end{array}$$

T41S R2E

1958

From this  $\frac{1}{4}$  sec. cor. the standard  $\frac{1}{4}$  sec. cor. of sec. 35 bears West 6 lks. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the record.

The true point for the cor. of secs. 2 and 3 falls on an inaccessible ledge and is at proportionate dist. bet. the NE. cor. of the TP. and the closing cor. of secs. 3 and 4, on the Eighth Standard Parallel South.

From the true point, the point selected for the witness cor. of secs. 2 and 3, bears S.  $0^{\circ} 01' E.$ , 1.11 chs. dist.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) mkd. on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

W C

T40S R2E

$$\begin{array}{c} S3 \\ S3 | S2 \end{array}$$

T41S R2E

1958

From the true point, the true point for the standard cor. of secs. 34 and 35, bears West, 8 lks. dist., from which its witness cor. bears East, 81 lks. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the record.

Survey of a Portion of the Subdivision, T. 41 S. R. 2 E.

Chains

From the true point for the cor. of secs. 1 and 2, on the N. bdy. of the Tp.

S.  $0^{\circ} 01'$  E., bet. secs. 1 and 2.

Over broken land, through scattered to moderate growth of scrub juniper and pinon, distance by triangulation and topography as estimated; desc. about 450 ft. over ledge SE. slope.

20.00 Wash, drains SW.

30.00 Wash, drains W.; asc. about 450 ft. over ledge NW. slope.

46.00 Rim of canyon facing W., bears S. and E. on curve to N.; cont. along rim of canyon.

46.44 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) mkd. on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R2E

$\frac{1}{4}$   
S2|S1  
1958

Asc. 30 ft. along rim.

85.70 Spur, slopes S.  $70^{\circ}$  W.; desc. 40 ft. over ledge facing SE.

86.44 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) mkd. on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R2E

S2|S1  
S11|S12  
1958

Land, broken.

Soil, sand with exposed sandstone.

Timber, scattered scrub juniper and pinon.

N.  $89^{\circ} 54'$  W., bet. secs. 2 and 11.

Over broken land; asc. 40 ft. over ledge facing SE.

2.90 Spur, projects S.  $70^{\circ}$  W.; asc. 70 ft. along N. slope.

17.70 Rim of spur, bears S. and N. on curve; desc. 660 ft. over ledges and precipitous slope facing W.

37.00 Wash, 40 lks. wide, 1 ft. deep, drains irregularly S. from NE.; asc. 20 ft. over broken E. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) mkd. on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.



## Survey of a Portion of the Subdivision, T. 41 S., R. 2 E.

Chains

T41S R2E

 $\frac{1}{4}$  S 2

S11

1958

Asc. 200 ft. over broken E. slope,

47.00

Spur, slopes S., thence by triangulation, topography as estimated; desc. about 220 ft. over series of ledges facing W.

55.00

Wash, 50 lks. wide, 1 ft. deep, drains S. 15° E.; asc. 100 ft. over steep E. slope.

70.70

Spur, slopes S. 15° E.; end of triangulation; desc. 150 ft. over ledges and slope facing W.

79.35

Point selected for the witness cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R2E

W S3|S2

C S10|S11

1958

80.00

True point for the cor. of secs. 2, 3, 10 and 11 falls in wash, 10 ft. deep, draining S. 15° E. from W. where the cor. cannot be perpetuated.

Land, broken.

Soil, sandy with exposed sandstone.

Timber, scattered scrub juniper and pinon.

Undergrowth, scattered grass, silverleaf, Brigham tea and blackbrush.

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From the true point for the cor. of secs. 2, 3, 10 and 11.

N. 0° 01' W., bet. secs. 2 and 3.

Over broken land; asc. 270 ft. over broken slope and ledges facing S.

13.10

Broken spur, slopes SE.; desc. 50 ft. over NE. slope.

18.00

Slope changes to E.; desc. 220 ft.

40.00

Point for the ¼ sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R2E

 $\frac{1}{4}$  S 2

S3|S2

1958

Desc. 20 ft. over N. slope.

41.00

Wash, 70 lks. wide, 1 ft. deep, drains E. about 3.00 chs., thence irregularly S. By triangulation asc. 770 ft. over broken ledges and precipitous slope facing generally SW.

Survey of a Portion of the Subdivision T. 21 S., R. 2 E.

Chains

- 79.50 S. rim of spur; projects W.; end of triangulation; asc. 30 ft. over point.
- 85.23 Point selected for the witness cor. of secs. 2 and 3, heretofore described.
- 86.34 True point for the cor. of secs. 2 and 3, falls on inaccessible ledge facing N. 20° W. where the cor. cannot be monumented and on the Eighth Standard Parallel South.
- Land, broken.
- Soil, sandy and exposed sandstone.
- Timber, scattered scrub juniper and pinon.
- Undergrowth, scattered grass, blackbrush, silver leaf and Brigham tea.

From the cor. of secs. 15, 16, 21 and 22.

West, bet. secs. 16 and 21.

Over broken talus slope facing S.; asc. 80 ft.

23.60 Slope changes to SW.; desc. 190 ft.

39.40 Wash, 10 lks. wide, 1 ft. deep, drains irregularly SW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R2E

$\frac{1}{4}$  S16  
S21  
1958

The  $\frac{1}{4}$  sec. cor. is located along the right bank of a wash.

Desc. 70 ft. over rolling and broken talus slope facing SW.

61.00 Small wash; drains S.; leave talus slope; asc. 10 ft. over rolling land, through thinly scattered juniper.

72.10 Sandstone rim, bears NW. and SE.; desc. 40 ft. over ledge facing SW., thence over nearly level land.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R2E

S17 S16  
S20 S21  
1958

Land; mostly rocky and broken.

Soil, rocky.

Timber, scattered juniper on W. 20 chs.

Undergrowth, scattered shadscale, Brigham tea, grass and loco weed.

N. 0° 03' W., bet. secs. 16 and 17.

Over rolling and broken land; asc. 30 ft. over gentle S. slope, through scattered juniper.

## Survey of a Portion of the Subdivision, T. 41 S., R. 2 E.

Chains	
14.00	Top of ascent; desc. 50 ft. over N. slope.
15.90	Draw, drains W.; asc. 160 ft. over broken rocky talus slope facing generally SW.
31.30	Rocky spur, slopes W.; desc. 140 ft. over broken N. slope.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 16 and 17.  Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.  T41S R2E S17 S16 1958
40.20	Wash, 30 lks. wide, 1 ft. deep, drains W.; asc. 200 ft. along broken W. slope.
58.00	Rocky spur, slopes W.; cont. along broken W. slope.
70.00	Rocky spur, slopes W.; desc. 220 ft. over broken N. slope.
79.30	Wash, 50 lks. wide, 1 ft. deep, drains W.; asc. 10 ft. over N. bank of wash.
80.00	Point for the cor. of secs. 8, 9, 16 and 17.  Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.  T41S R2E S 8 S 9 S17 S16 1958  Land, rolling and broken. Soil, rocky to clay loam. Timber, scattered juniper. Undergrowth, scattered shadscale, yellow brush, grass and Brigham tea.
	From the cor. of secs. 9, 10, 15 and 16.  West, bet. secs. 9 and 16.  Over broken land; asc. 60 ft. along draw draining SE. from W., through moderate juniper and pinon.
4.60	Head of draw; asc. 30 ft. over E. slope.
9.80	Top of ascent; desc. 100 ft. over broken SW. slope.
23.10	Draw, drains SE. from N. 60° W.; asc. 50 ft. over NE. slope.
35.80	Slope changes to NW.; desc. 10 ft.
39.00	Draw, drains NE. about 5.00 chs., thence SE.; asc. 20 ft. over E. slope.
39.96	Point for the $\frac{1}{2}$ sec. cor. of secs. 9 and 16.

## Survey of a Portion of the Subdivision, T. 41 S., R. 2 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R2E

$$\frac{1}{4} \frac{S \ 9}{S16}$$

1958

Asc. 50 ft. over E. slope.

42.00 Top of E. slope; asc. 20 ft.

48.50 W. rim of mesa, bears N. 10° W. and S. 10° E.; desc. 930 ft. over broken ledges on steep W. slope.

79.91 The cor. of secs. 8, 9, 16 and 17.

Land, rolling and broken.

Soil, rocky to clay loam.

Timber, moderate juniper and pinon on mesa top, scattered juniper on talus slope.

Undergrowth, scattered silver leaf, grass, Brigham tea, yellow brush, sage and loco weed.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which is mkd. by an iron post, 2 ins. diam., conforming to the record.

N. 0° 03' W., bet. secs. 32 and 33.

Over broken land, by triangulation, topography estimated; asc. 340 ft. over broken slope and vertical ledges facing S.

13.30 Spur, projects W.; desc. about 160 ft. along draw draining N. 10° W.

40.00 Point for the ¼ sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R2E

$$\frac{1}{4} \frac{S32|S33}{S32|S33}$$

1958

The ¼ sec. cor. is located on small spur projecting NW.

Desc. about 240 ft. over broken ledges and precipitous slope facing NW.

52.00 Ty Hatch Creek, drains SW.; asc. about 160 ft. over ledges facing SE.

62.00 N. rim of Ty Hatch Canyon, bears irregularly NE. and SW.; asc. about 90 ft. over exposed sandstone, sloping S.

80.00 Point for the cor. of secs. 28, 29, 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R2E

$$\frac{S29|S28}{S32|S33}$$

1958

Land, rolling and broken.

Soil, sandy and exposed sandstone.

Timber, none.

## Survey of a Portion of the Subdivision, T. 41 S. R. 2 E.

Chains

Undergrowth, scattered sage, blackbrush, grass and shadscale.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., which is mkd. by an iron post, 2 ins. diam., conforming to the record.

N. 0° 03' W., bet. secs. 31 and 32.

Over rolling land; asc. 100 ft. over SW. slope.

4.50 Clay spur, slopes SE.; desc. 70 ft. over NE. slope.

8.00 Draw, drains SE.; asc. 150 ft. over SW. slope.

15.20 S. rim of bench, bears NW. and SE.; asc. 60 ft. over slightly broken benchland.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R2E

$\frac{1}{4}$   
S31|S32  
1958

Desc. 50 ft. over broken land, draining easterly.

69.40 S. rim of Wahweap Canyon, bears E. and W. about 1 ch., thence N.; desc. abruptly 160 ft. over ledges facing N.

74.00 Base of steep descent; asc. 20 ft. along E. slope.

80.00 Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R2E

S30|S29  
S31|S32  
1958

Land, rolling and slightly broken.

Soil, mostly clay loam.

Timber, none.

Undergrowth, scattered grass, buck brush, yellow brush, shadscale and Brigham tea.

From the cor. of secs. 28, 29, 32 and 33.

West, bet. secs. 29 and 32.

Over Broken exposed sandstone surface; desc. 50 ft. along S. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

## Survey of a Portion of the Subdivision, T. 41 S., R. 2 E.

Chains	
	T41S R2E S29 S32 1958
	Desc. 180 ft. over broken W. slope.
45.10	Wash, 30 lks. wide, 1 ft. deep, in bottom of Smith Run Canyon, drains S. 15° W.; asc. 140 ft. over broken ledges facing E.
52.70	Spur, projects S.; desc. 160 ft. over SW. slope.
75.80	Wahweap Creek, 1.50 chs. wide, 2 ft. deep, drains SE.; asc. 30 ft. over E. slope.
80.00	The cor. of secs. 29, 30, 31 and 32.

Land, rolling and broken.  
Soil, sandy and exposed sandstone.  
Timber, none.  
Undergrowth, scattered blackbrush and grass.

## General Description

The area within T. 41 S., R. 2 E. is a rugged high benchland cut by numerous deep canyons. Elevation within the township ranges from 4,400 ft. to 6,500 ft. above sea level.

The west portion of the township is drained by Wahweap Creek and its tributaries, and the east portion is drained by the courses of John Henry Canyon.

Timber is comprised of scrub juniper and pinon, scattered in the south and ranging to dense in the north.

Principal use for the land is for grazing. No roads were noted within the township and access to the survey lines was provided by helicopter.

U.S.G.S. triangulation station "Nipple" is located in the NW $\frac{1}{4}$  of sec. 36. It's geographic position is latitude 37° 12' 21.342 N. and longitude 111° 38' 45.664" W.

4-880  
(Feb., 1950)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## FIELD ASSISTANTS

[illegible]

# CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1956, I have surveyed the east boundary and a portion of the subdivision of T. 41 S., R. 2 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

April 1, 1959

Boyd S. Owens  
Boyd S. Owens

Cartographic Survey Aid

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

~~The foregoing field notes of the survey of \_\_\_\_\_~~

~~executed by \_\_\_\_\_~~

~~having been critically examined and found correct, are hereby approved.~~

~~Cadastral Engineering Staff Officer.~~

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

~~Cadastral Engineering Staff Officer.~~



# CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959

I have ~~surveyed~~ supervised the survey of the east boundary and a portion of the sub-  
division of T. 41 S., R. 2 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed under my supervision; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

April 1, 1959

Vern E. Lane

Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 9 1959, 1959

The foregoing field notes of the survey of the east boundary and a portion of the subdivi-  
sion, of T. 41 S., R. 2 E., Salt Lake Meridian, Utah

executed ~~by~~ under the supervision of Vern E. Lane, Cadastral Surveyor (Chief of Party)  
having been critically examined and found correct, are hereby approved.

Donald B. Clement  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 41 S.,  
R. 2 E., SIM, Utah, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ORIGINAL

# FIELD NOTES

OF THE SURVEY OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 41 SOUTH, RANGE 3 EAST

Of the SALT LAKE Meridian,

in the State of UTAH

EXECUTED BY

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Craig P. Sylvester, Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided

for the surveys included under Group No. 408, approved November 8, 1956

and assignment instructions dated May 7, 1958

Survey commenced May 15, 1958

Survey completed May 26, 1958

# INDEX DIAGRAM

Township 41 South, Range 3 East

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Craig P. Sylvester

16-56770-1

2165

Township 41 South, Range 3 East

Chains

The south boundary of T. 41 S., R. 3 E. was surveyed in 1917 by Rathbone and Bolinger. The north boundary (Eighth Standard Parallel South) was surveyed concurrently by Fred R. Chappell. The west boundary was surveyed concurrently by Boyd S. Owens.

The following field notes are those of the survey of the east boundary and a portion of the subdivision of T. 41 S., R. 3 E. deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with a W. & L. E. Gurley solar transit, serial No. 461263, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment. Horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude  $37^{\circ} 11' 40.2''$  N. and longitude  $111^{\circ} 31' 27.386''$  W. as adjusted from traverses to U. S. G. S. triangulation station within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ} 15'$  E.

Survey of the East Boundary, T. 41 S., R. 3 E.

Beginning at the cor. of Tps. 41 and 42 S., R. 3 E., an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

North, along the E. bdy. of sec. 36.

Survey of the East Boundary, T. 41 S., R. 3 E.

Chains	
	Over broken land, by triangulation with approximate topography scaled from U. S. G. S. topographic map; desc. about 320 ft. over ledgy NE. slope.
17.00	Wash in bottom of deep ravine, drains S. 60° W.; asc. about 440 ft. over ledgy SE. slope.
40.00	Point for the ¼ sec. cor. of sec. 36 falls on steep ledge and cannot be monumented.
40.10	Point selected for the witness ¼ sec. cor. of sec. 36.  Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.  <div>T41S R3E R4E ¼ S36 W C 1958</div> Asc. about 260 ft. over ledgy SE. slope.
45.40	S. rim of island mesa, bears S. 70° W. and N. 70° E.; thence over top of mesa.
47.00	N. rim of same mesa, bears S. 85° W. and N. 80° E.; desc. about 580 ft. over ledgy N. slope.
67.50	Wash in bottom of ravine, drains NW.; asc. about 200 ft. over SW. slope.
73.00	Spur, slopes W.; desc. about 170 ft. over NW. slope.
75.80	Small wash, drains S. 80° W.; asc. about 90 ft. over S. slope.
78.60	Spur, slopes W.; desc. 20 ft. over NW. slope of spur; end of triangulation.
80.00	Point for the cor. of secs. 25 and 36.  Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid rock, and in a mound of stone, 5 ft. base to top, with brass cap mkd.  <div>T41S R3E R4E S25 S36 S30 1958</div> Land, very broken. Soil, sandy clay and exposed sandstone. Timber, none. Undergrowth, scattered scrub brush.
	North, along the E. bdy. of sec. 25.  Over broken land; by triangulation with approximate topography scaled from U. S. G. S. topographic map; desc. about 80 ft. over N. slope.
6.00	Small wash in bottom of ravine, drains W.; asc. about 320 ft. over ledgy S. slope.

Chains	
18.20	Spur, slopes W.; desc. about 370 ft. over N. slope.
32.30	Wash in bottom of ravine, drains W.; asc. about 180 ft. over S. slope.
36.60	S. rim of spur, bears SE. and N. 10° W.; thence over top of spur.
40.00	Point for the $\frac{1}{4}$ sec. cor. of sec. 25:
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	<div style="text-align: center;"> T41S  R3E R4E  <math>\frac{1}{4}</math>  S25  1958 </div>
	Cont. over top of spur.
42.20	N. rim of same spur, bears E. and S. 10° W.; desc. about 220 ft. over N. slope into canyon.
51.00	Wash in bottom of canyon, 3 ft. deep, 80 lks. wide, drains W. from E.; asc. about 100 ft. over S. slope.
55.00	Spur, slopes E.; desc. about 50 ft. over N. slope.
59.20	Base of N. slope, bears NW. and S. 80° E.
60.00	Same wash, drains SE. from N. 15° E.; asc. about 200 ft. along W. wall of canyon.
80.00	Point for the cor. of secs. 24 and 25.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<div style="text-align: center;"> T41S  R3E R4E  S24 S19  S25  1958 </div>
	Land, very broken. Soil, sandy clay and exposed sandstone. Timber, none. Undergrowth, scattered patches of brush.
	North, along E. bdy. of sec. 24.
	Over broken land; asc. 45 ft. along E. slope of canyon.
2.60	Spur, slopes E.; desc. about 180 ft. along broken E. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of sec. 24.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 12 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.

U.S. GOVERNMENT PRINTING OFFICE: 1970-0-290-211-1

## S. C. Survey of the East Boundary, T. 41 S., R. 3 E.

## Chains

Set an iron post, 30 ins. long,  $1\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.

T41S

R3E R4E

S12 | S7

S13

1958

Land, broken and rolling top of mesa.

Soil, sand and exposed sandstone.

Timber, scattered scrub cedar on top of mesa.

North, along E. bdy. of sec. 12.

Over rolling land on top of mesa, through scattered juniper.

38.30 Small wash, drains W.; asc. 10 ft. over slightly broken SW. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of sec. 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S

R3E R4E

 $\frac{1}{4}$ 

S12 |

1958

Asc. 115 ft. over slightly broken SW. slope, through medium growth of scrub juniper.

80.00 Point for the cor. of secs. 1 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S

R3E R4E

S1 |

S12 | S6

1958

Land, rolling and slightly broken.

Soil, sand and exposed sandstone.

Timber, medium growth of scrub juniper.

Undergrowth, black brush.

North, along E. bdy. of sec. 1.

Over slightly broken land, through medium growth of juniper; asc. 10 ft. over S. slope.

2.80 Base of small island mesa; asc. 55 ft. over S. slope and rim about 20 ft. high facing S.

7.10 S. crest of same mesa, bears E. and W.; thence over top of mesa.

13.80 N. crest of same mesa, bears E. and W.; desc. 70 ft. over ledgy N. slope.



## Survey of the East Boundary, T. 41 S., R. 3 E.

Chains		Original
14.80	Base of ledgy N. slope; asc. 15 ft. over rolling SW slope.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of sec. 1. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T41S R3E R4E S1 1958	
	Asc. 55 ft. over slightly broken SW. slope.	
54.00	Base of rim, about 20 ft. high, bears N. and E.; asc. 40 ft. along W. slope of rim.	
61.00	Top of same rim, bears S. and W.; asc. 5 ft. over S. slope.	
63.22	Top of ascent, bears E. and W.; desc. 50 ft. over gentle W. slope.	
85.90	Small wash, drains W.	
86.12	Intersect the Eighth Standard Parallel South at the point for the closing cor. of Tps. 41 S., Rs. 3 and 4 E. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T40S R3E S36 S1 S6 R3E R4E T41S 1958	
	From this closing cor. the standard cor. of Tps. 40 S., Rs. 3 and 4 E. conforming to the field notes of T. 40 S., R. 3 E., bears E., 1.63 chs. dist., monumented by an iron post, $2\frac{1}{2}$ ins. diam. Land, rolling and broken. Soil, sand and exposed sandstone. Timber, medium growth of scrub cedar. Undergrowth, black brush.	
Portion of the Subdivision, T. 41 S., R. 3 E.		
	From the cor. of secs. 1, 2, 35 and 36, an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record. N. $0^{\circ} 01'$ W., bet. secs. 35 and 36. Over broken land, by triangulation, with approximate topography scaled from U. S. G. S. maps; desc. 160 ft. over NE. slope into Warm Creek Canyon.	
23.00	Wash in bottom of Warm Creek Canyon, drains S. $20^{\circ}$ E.; asc. 130 ft. over broken SW. slope.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.	

Portion of the Subdivision, T. 41 S., R. 3 E.

Chains

T41S R3E

S35|S36

1958

Asc. about 100 ft. over broken W. slope.

44.90 Spur, slopes W.; desc. about 180 ft. along broken W. slope.

77.50 Wash in bottom of ravine, drains SW. from E.; asc. 110 ft. over broken S. slope.

80.00 Point for the cor. of secs. 25, 26, 35 and 36; end of triangulation.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to bedrock, in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R3E

S26|S25

S35|S36

1958

Land, very broken.

Soil, sand and exposed sandstone.

Timber, none.

Undergrowth, scattered black brush.

From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp.; by triangulation with approximate topography scaled from U. S. G. S. topographic map.

West, bet. secs. 25 and 36.

Over broken land; desc. about 170 ft. over W. slope.

7.80 Wash in bottom of ravine, drains S.  $80^{\circ}$  W.; asc. about 180 ft. along broken SE. slope.

16.20 Spur, slopes S.; desc. about 340 ft. over steep SW. slope.

32.10 Wash in bottom of canyon, 3 ft. deep, 20 lks. wide, drains irregularly S.  $25^{\circ}$  W.; asc. about 220 ft. over ledgy E. slope.

39.93 Point for the  $\frac{1}{2}$  sec. cor. of secs. 25 and 36 falls on ledge and cannot be perpetuated; asc. 15 ft. over broken E. slope.

41.10 Point selected for the witness  $\frac{1}{2}$  sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to bedrock, in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R3E

$\frac{1}{2}$  S25 W

S36 C

1958

Asc. 260 ft. over broken E. slope of canyon wall.

52.80 Top of ridge, bears N. and S. 10 chs., thence SW.; desc. about 330 ft. over ledgy W. slope into large ravine draining W.

64.20 Slope changes; desc. about 240 ft. along broken S. slope.

## Portion of the Subdivision, T. 41 S., R. 3 E.

Chains		antail
79.86	<p>The cor. of secs. 25, 26, 35 and 36; end of triangulation.</p> <p>Land, broken.</p> <p>Soil, sand and exposed sandstone.</p> <p>Timber, none.</p> <p>Undergrowth, scattered black brush.</p>	00.47
	<p>From the cor. of 3, 4, 33 and 34, on the S. bdy., an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.</p> <p>N. 0° 02' W., bet. secs. 33 and 34.</p> <p>Over rolling land, covered with black brush; desc. 20 ft. along gentle W. slope.</p>	00.47
24.00	Small wash, drains W.; asc. 30 ft. over gentle S. slope.	
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 33 and 34.</p> <p>Set an iron post, 22 ins. in the ground; with brass cap mkd.</p> <p>T41S R3E</p> <p>S33 S34</p> <p>1958</p> <p>No other accessories available.</p> <p>Asc. 10 ft. over gentle S. slope.</p>	
43.90	Top of ascent, bears E. and W.; desc. 50 ft. over rolling N. slope.	
57.50	Small wash, drains E. 5 chs. to canyon rim; desc. 20 ft. along NE. slope.	
80.00	<p>Point for the cor. of secs. 27, 28, 33 and 34.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p>T41S R3E</p> <p>S28 S27</p> <p>S33 S34</p> <p>1958</p> <p>Land, rolling.</p> <p>Soil, sand.</p> <p>Timber, none.</p> <p>Undergrowth, Heavy black brush.</p>	
15.70	<p>N. 0° 02' W., bet. secs. 27 and 28.</p> <p>Over rolling land; asc. 10 ft. along E. slope.</p> <p>S. rim of John Henry Canyon, bears NW. and S. 10° E.; desc. 350 ft. over ledgy N. slope into canyon bottom.</p>	

**Section of the Subdivision, T. 41 S., R. 3 E.**

<b>Chains</b>	
<b>28.90</b>	Base of N. slope; desc. 15 ft. over bottom of canyon.
<b>40.00</b>	Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.
	T41S R3E S28 S27 1958
	Cont. over bottom of John Henry Canyon.
<b>40.70</b>	Wash in bottom of same canyon, 1 ch. wide, 3 ft. deep, drains SE. irregularly; asc. 385 ft. over ledgy SW. slope at canyon wall.
<b>71.30</b>	N. rim of same canyon; bears W. and SE.; asc. 5 ft. over gentle S. slope.
<b>80.00</b>	Point for the cor. of secs. 21, 22, 27 and 28.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R3E S21 S22 S28 S27 1958
	Land, rolling and broken. Soil, sand and exposed sandstone. Timber, none. Undergrowth, black brush.
	N. $0^{\circ} 02' W.$ , bet. secs. 21 and 22.
	Over rolling land covered with black brush; asc. 30 ft. over slight S. slope.
<b>40.00</b>	Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T41S R3E S21 S22 1958
	Cont. over rolling land with S. drainage.
<b>80.00</b>	Point for the cor. of secs. 15, 16, 21 and 22.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T41S R3E S16 S15 S21 S22 1958
	Land, rolling. Soil, sand. Timber, none. Undergrowth, thick black brush.

Portion of the Subdivision, T. 41 S., R. 3 E.

Chains	
	N. 0° 02' W., bet. secs. 15 and 16.
	Over rolling land covered with black brush; asc. 60 ft. over S. slope.
20.40	Top of ascent, bears E. and W.; desc. 60 ft. along slightly broken NE. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T41S R3E $\frac{1}{4}$ S16/S15 1958
	Asc. 30 ft. along slightly broken E. slope.
57.60	Crest of rocky rim, bears E. and W.; desc. 95 ft. over N. slope.
72.20	S. rim of canyon, bears N. 70° W. and S. 70° E.; desc. 210 ft. over ledgy NE. slope into canyon.
75.60	Wash in bottom of canyon, 70 lks. wide, 2 ft. deep, drains S. 70° E.; asc. 60 ft. over SW. slope of canyon wall.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T41S R3E S 9/S10 S16/S15 1958
	Land, rolling and broken. Soil, sand and exposed sandstone. Timber, few cottonwood trees in canyon bottom. Undergrowth, black brush on mesas.
	N. 0° 02' W., bet. secs. 9 and 10.
	Over broken land; asc. 135 ft. over ledgy SW. slope out of canyon.
9.80	N. rim of canyon, bears N. 70° W. and S. 70° E.; asc. 120 ft. over broken S. slope.
35.20	Point, projects W. 1 ch. to end; desc. 60 ft. over N. slope of point into cove.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground to bedrock, in a mound of stone, 2 $\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T41S R3E $\frac{1}{4}$ S 9/S10 1958
	Asc. 65 ft. over SW. slope out of cove.
44.50	Point projects W. 1 ch. to end; desc. 60 ft. over broken land draining SW.

Portion of the Subdivision, T. 41 S., R. 3 E.

Chains	
53.00	Shallow drain, drains SW.; asc. 155 ft. over ledgy S. slope.
74.25	Crest of ledgy S. slope on top of small knoll; desc. 10 ft. over broken N. slope of knoll.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.  Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	<div style="text-align: center;"> T41S R3E  S4 S3  S 9 S10  1958 </div>
	Land, broken. Soil, sand and exposed sandstone. Timber, none. Undergrowth, black brush.
	N. 0° 02' W., bet. secs. 3 and 4.
	Over slightly broken land, draining SW.
1.00	Base of N. slope; asc. 75 ft. over slightly broken SW. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 4.  Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;"> T41S R3E  ¼  S4 S3  1958 </div>
	Asc. 30 ft. over SW. slope.
52.00	Low spur, slopes SW.; desc. 10 ft. over slight NE. slope.
59.10	Small wash, drains SW.; asc. 80 ft. over SW. slope.
78.90	Crest of rim, about 20 ft. high, bears E. and curves NW.; thence over small bench.
83.20	Same rim, bears E. and curves SW.; desc. 45 ft. over rim and N. slope.
86.39	Intersect the Eighth Standard Parallel South at the point for the closing cor. of secs. 3 and 4.  Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	<div style="text-align: center;"> T40S R3E  3833  S4 S3  00  T41S R3E  1958 </div>
	From this closing cor. the standard cor. of secs. 33 and 34, T. 40 S., R. 3 E. bears East 1.55 chs. dist., a 2½ ins. iron post, conforming to the field notes of T. 40 S., R. 3 E.

Portion of the Subdivision, T. 41 S., R. 3 E.

Chains	Land, broken. Soil, sand and exposed sandstone. Timber, thinly scattered juniper. Undergrowth, black brush.	00.62
	The point for the cor. of secs. 1 and 2 is on the Eighth Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the Tp. and the closing cor. of secs. 3 and 4.  Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.  T40S R3E S35 S2 S1 T41S R3E 1958  From this cor. the standard cor. of secs. 35 and 36, an iron post, 2½ ins. diam., conforming to the concurrent survey, bears E. 1.60 chs. dist.	00.08
	The point for the ¼ sec. cor. of sec. 2 is on the Eighth Standard Parallel South, and at midpoint on the N. bdy. of sec. 2.  Set an iron post, 30 ins. long, 2½ ins. diam., 5 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.  ¼ S2 T41S R3E 1958  From this ¼ sec. cor. the standard ¼ sec. cor. of sec. 35, T. 40 S., R. 3 E., an iron post, 2½ ins. diam., conforming to the concurrent survey, bears E. 1.58 chs. dist.	00.00
	The point for the cor. of secs. 2 and 3 is on the Eighth Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the Tp. and the closing cor. of secs. 3 and 4.  Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.  T40S R3E S34 S3 S2 T41S R3E 1958  From this cor. the standard cor. of secs. 34 and 35, T. 40 S., R. 3 E., an iron post, 2½ ins. diam., conforming to the concurrent survey, bears E. 1.57 chs. dist.	00.00

Portion of the Subdivision, T. 41-S., R. 3-E.

Chains	Land, broken. Soil, sand and exposed sandstone. Timber, thinly scattered juniper. Undergrowth, black brush.
From the cor. of secs. 2 and 3 on the N. bdy. of the Tp. S. 0° 01' E., bet. secs. 2 and 3.	
Over broken land, through scattered timber; asc. 105 ft. over N. slope.	
57.00 Spur, slopes SW. about 18 chs. to end; desc. 160 ft. over SE. slope.	
27.50 Small wash, drains SW.; thence along slightly broken W. slope.	
46.30 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3.	
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T41S R3E $\frac{1}{4}$ S3 S2 1958
Desc. 70 ft. along W. slope.	
70.30 Small wash, drains SW.; thence over rolling land.	
86.30 Point for the cor. of secs. 2, 3, 10 and 11.	
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T41S R3E S3 S2 S10 S11 1958
Land, broken and rolling. Soil, sand and exposed sandstone. Timber, medium growth of scrub juniper. Undergrowth, black brush.	
N. 89° 56' E., bet. secs. 2 and 11, on a line calculated to connect cor. of secs. 1, 6, 7 and 12, on the E. bdy. and the cor. of secs. 3, 4, 9 and 10.	
Over rolling land, through medium growth of juniper; asc. 50 ft. over W. slope.	
22.30 W. rim of canyon, bears N. and S.; desc. 190 ft. over ledgy E. slope.	
25.80 Wash in bottom of canyon, 2 ft. deep, 40 lks. wide, drains S.; asc. 190 ft. over steep and ledgy W. slope.	
31.00 E. rim of canyon, bears N. and S.; asc. 30 ft. over W. slope.	
40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11.	
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.	



Portion of the Subdivision, T. 41 S., R. 3 E.

Chains		
		<p>T41S R3E  S2  S11  1958</p>
		Asc. 10 ft. over broken W. slope.
47.10		W. rim of canyon, bears N. 20° W. and S. 20° E.; thence by triangulation with topography estimated; desc. about 200 ft. over ledgy NE. slope.
52.00		Wash in bottom of canyon, drains S. 20° E.; asc. about 200 ft. over ledgy SW. slope.
56.50		E. rim of same canyon, bears S. 20° E. and N. 20° W.; asc. 80 ft. over W. slope; end of triangulation.
80.00		Point for the cor. of secs. 1, 2, 11 and 12. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 5 ft. base to top, with brass cap mkd.
		<p>T41S R3E  S2   S1  S11   S12  1958</p>
		Land, broken. Soil, sand and exposed sandstone. Timber, medium growth of juniper. Undergroup, black brush.
		N. 0° 01' W., bet. secs. 1 and 2.
		Over broken land, through medium growth of juniper; desc. 110 ft. over NW. slope.
14.30		Small wash, drains SW.; asc. 20 ft. along W. slope.
23.60		Spur, slopes SW.; desc. 20 ft. over NW. slope.
29.50		Draw, drains SE.; asc. 80 ft. over SE. slope.
38.30		Sandstone spur, slopes SW.; desc. 40 ft. along W. slope.
40.00		Point for the ¼ sec. cor. of secs. 1 and 2. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
		<p>T41S R3E  S2   S1  S11   S12  1958</p>
		Desc. 25 ft. along W. slope.
44.31		Wash in bottom of canyon, 3 ft. deep, 20 lks. wide; asc. 120 ft. along SE. slope.
61.01		Spur, slopes SW.; desc. 44 ft. over NW. slope.

Portion of the Subdivision, T. 41 S., R. 3 E.

Chains	
73.68	Wash, 3 ft. deep, 30 lks. wide, drains W.; asc. 60 ft. over broken SE. slope.
86.31	The cor. of secs. 1 and 2. Land broken. Soil, sand and exposed sandstone. Timber, medium growth of cedar. Undergrowth, black brush.
	From the cor. of secs. 15, 16, 21 and 22. West, bet. secs. 16 and 21. Over rolling land covered with black brush; asc. 30 ft. along gentle SE. slope.
12.70	Low rocky rim about 15 ft. high, bears S. and W. irregularly; desc. 30 ft. along slightly broken S. slope.
32.80	Same rim, bears E. and SW.; thence over slightly broken land.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd. T41S R3E $\frac{1}{4}$ <u>S16</u> S21 1958 Cont. over slightly broken SW. slope.
42.50	Low rocky rim about 15 ft. high, bears SE. and W. irregularly; desc. 40 ft. over slightly broken land draining S.
80.00	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd. T41S R3E <u>S17</u> <u>S16</u> S20 S21 1958 Land, rolling and slightly broken. Soil, sand and exposed sandstone. Timber, none. Undergrowth, black brush.
	N. $0^{\circ} 03'$ W., bet. secs. 16 and 17. Over slightly broken land; asc. 20 ft. over SW. slope.
17.40	Wash, 40 lks. wide, 3 ft. deep, drains SW.; asc. 80 ft. over SW. slope.
27.80	Top of rise, bears SW. and NE.; desc. 50 ft. over NW. slope.

## Portion of the Subdivision, T. 41 S., R. 3 E.

Chains	
32.70	Small wash, drains SW.; asc. 90 ft. over SW. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd. T41S R3E $\frac{1}{4}$ S17 S16 1958 Asc. 20 ft. over SW. slope.
65.10	Spur, slopes W. 1 ch. to end from a prominent ledgy point 4 chs. dist.; desc. 50 ft. along W. slope.
80.00	Point for the cor. of secs. 8, 9, 16 and 17. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd. T41S R3E $\frac{1}{4}$ S8 S9 S17 S16 1958 Land, slightly broken. Soil, sand and exposed sandstone. Timber, none. Undergrowth, black brush.
<hr/>	
	From the cor. of secs. 9, 10, 15 and 16. S. $89^{\circ} 59'$ W., bet. secs. 9 and 16. Over broken land; desc. 190 ft. over steep NW. slope into canyon.
7.10	Wash in bottom of canyon, 2 ft. deep, 70 lks. wide, drains SE.; asc. 200 ft. over NE. slope.
16.00	S. rim of canyon, bears NW. and SE.; asc. 90 ft. over NE. slope.
30.50	Spur, slopes N.; desc. 25 ft. along N. slope.
39.99	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut on solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd. T41S R3E $\frac{1}{4}$ S9 S16 1958 Cont. along slightly broken N. slope.
57.80	Change to gentle brush covered S. slope; desc. 35 ft.
79.98	The cor. of secs. 8, 9, 16 and 17. Land, broken and rolling. Soil, sand and exposed sandstone. Timber, few cottonwood trees in canyon bottom. Undergrowth, black brush.

Chains	
	From the cor. of secs. 4, 5, 31 and 32, on the S. bdy. of the Tp., an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.
	N. 0° 03' W., bet. secs. 32 and 33.
	Over broken land; desc. 170 ft. over N. slope into Tibbet Canyon.
8.40	Wash in bottom of Tibbet Canyon, 3 ft. deep, 50 lks. wide, drains S. 30° E.; asc. 165 ft. over S. slope.
13.40	Spur, slopes SW.; desc. 90 ft. along broken W. slope.
39.30	Small wash in ravine, drains S. 10° W. to main canyon; asc. SE. slope.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a crosscut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R3E $\frac{1}{2}$ S32 S33 1958
	Asc. 190 ft. over broken SE. slope on canyon wall.
49.20	N. rim of Tibbet Canyon, bears S. 20° W. and E. 5 chs., thence S.; asc. 90 ft. over slightly broken S. slope.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 2 ft. base to top, with brass cap mkd.
	T41S R3E S29 S28 S32 S33 1958
	Land, broken. Soil, sand with exposed sandstone. Timber, none. Undergrowth, black brush.
	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy., an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.
	N. 0° 03' W., bet. secs. 31 and 32.
	Over slightly broken land covered with blackbrush; desc. 60 ft. over N. slope.
10.40	Top of rim, about 10 ft. high, bears E. and W.; desc. 200 ft. over rim and broken N. slope.
26.00	Junction of two washes draining from N. and W.; asc. 20 ft. up wash from N.
33.30	Leave wash which curves from NW.; asc. 120 ft. over ledgy S. slope.
37.20	S. crest of point, bears W. and E. 5 chs.; thence over top of point.

**Portion of the Subdivision, T. 41 S., R. 3 E.**

Chains		miadO
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 31 and 32, 100 ft. and more Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T41S R3E S31 S32 1958	00.00
48.20	N. crest of same point, bears NW. and SE, desc. 100 ft. over NE slope.	00.00
61.00	Wash in head of Tibbet Canyon, 3 ft. deep, 1 ch. wide, drains S. 40° E.; asc. 80 ft. over SW. slope.	00.00
80.00	Point for the cor. of secs. 29, 30, 31 and 32 Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T41S R3E S30 S29 S31 S32 1958	00.00
	Land, broken. Soil, sand and exposed sandstone. Timber, few cottonwood in washes.	00.00
	From the cor. of secs. 28, 29, 32 and 33. S. 89° 57' W., bet. secs. 29 and 32. Over slightly broken land; asc. 20 ft. along S. slope.	
18.90	Low spur, slopes S.; desc. 15 ft. along S. slope.	
40.03	Point for the $\frac{1}{2}$ sec. cor. of secs. 29 and 32. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T41S R3E S29 S32 1958	
	Desc. 85 ft. along slightly broken S. slope.	
76.00	Crest of rim, 30 ft. high, bears SE. and NW. irregularly, desc. 95 ft. over SW. slope.	
80.06	The cor. of secs. 28, 29, 31 and 32 Land, slightly broken. Soil, sand with exposed sandstone. Timber, none. Undergrowth, thick growth of black brush.	00.00

Township 41 South, Range 3 East

Chains

General Description

T, 41 S., R. 3 E. is drained south and southeast by Tibbet Canyon, John Henry Canyon and Warm Creek Canyon, reading from west to east in the township, respectively. Average elevation in the township is approximately 5,000 ft. Highest point, 5,500, is located in section 1; lowest point, 4,200, is found in the bottom of Warm Creek Canyon as it leaves the township in section 36.

Thin to medium scattered scrub juniper is found in the north portions only; the remainder of the township is covered with black brush. A few isolated stands of cottonwood trees are found in the canyon bottoms. Only a scant quantity of grass is to be found.

There are no access roads within the area and access to the survey lines was provided by helicopter.

There is a fair spring in Tibbet Canyon in section 32.

## FIELD ASSISTANTS

[illegible]

# CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1956

I have surveyed the east boundary and a portion of the subdivision of T. 41 S., R. 3 E.,

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah  
April 23, 1959

*Craig P. Sylvester*  
Craig P. Sylvester  
Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of T. 41 S., R. 3 E., SIM, Utah

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.



# CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959, I have ~~surveyed~~ supervised the survey of the east boundary and a portion of the subdivision of T. 41 S., R. 3 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

April 23, 1959

Vern E. Lane

Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 9 1959, 1959

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of T. 41 S., R. 3 E., SLM, Utah

executed by Craig P. Sylvester, Cadastral Surveyor, under the supervision of Vern E. Lane, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.

Donald B. Clement  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 41 S., R. 3 E., SLM, Utah, is a true copy of the original field notes.~~

Cadastral Engineering Staff Officer.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY

OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 41 SOUTH, RANGE 4 EAST

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Craig P. Sylvester - Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided  
for the surveys included under Group No. 408, approved November 8, 1956  
and assignment instructions dated May 7, 1958

Survey commenced June 4, 1958

Survey completed June 16, 1958

# INDEX DIAGRAM

Township 41 South, Range 4 East

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		14			
19	20	21	9 22	23	24 3
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	18				7
31	17 32 16	33	8 34	35	6 36 2

2500

Chains

The north boundary (Eighth Standard Parallel South) was surveyed concurrently under Group 409 by Fred R. Chappell and Craig P. Sylvester. The record thereof is included in the field notes of T. 40 S., R. 4 E.

The west boundary was surveyed concurrently under Group 408 by Craig P. Sylvester. The record thereof is included in the field notes of T. 41 S., R. 3 E.

The south boundary was surveyed by Nelson and Bird in 1934 and the record thereof is included in the field notes of T. 42 S., R. 5 E.

The following field notes are those of the survey of the east boundary and a portion of the subdivision of T. 41 S., R. 4 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transit No. 461263, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to beginning the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township are subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment. Horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from the field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude  $37^{\circ} 11' 37.0''$  N, and longitude  $111^{\circ} 24' 58.2''$  W, as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ} 15'$  E.

## East Boundary, T. 41 S., R. 4 E.

## Chains

Beginning at the cor. of Tps. 41 and 42 S., Rs. 4 and 5 E., an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record. . . . . North, bet. secs. 31 and 36.

Over broken land, by triangulation, with topography scaled from U.S. G.S. topographic map; desc. 350 ft. over broken N. slope.

14.00 Wash, drains E.; asc. 400 ft. over ledgy S. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S

R4E R5E

$\frac{1}{4}$

S36|S31

1958

Asc. 190 ft. over broken S. slope.

48.10 Spur, slopes E.; desc. 15 ft. along broken E. slope.

62.80 Spur, slopes E.; a prominent rocky knob bears W., 2.00 chs. dist.; desc. 155 ft. along broken E. slope.

71.00 Spur, slopes E.; desc. 275 ft. over broken N. slope.

80.00 Point for the cor. of secs. 25, 30, 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S

R4E R5E

S25|S30

S36|S31

1958

Land, broken.

Soil, sand and exposed sandstone.

Timber, none.

North, bet. secs. 25 and 30.

Over broken land, by triangulation with topography scaled from U.S.G.S. topographic map; desc. 420 ft. over N. slope.

11.50 Wash in bottom of canyon, drains E.; asc. 400 ft. over ledges facing S. and steep S. slope.

40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30 falls on steep shale S. slope and cannot be perpetuated; asc. 160 ft. over steep S. slope.

45.44 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S

R4E R5E

$\frac{1}{4}$

S25|S30

W C

1958

## East Boundary, T. 41 S., R. 4 E.

Chains	
	Cor. falls in saddle of spur, which slopes SE. to bottom
	Desc. 560 ft. over broken and ledgy N. slope into Last Chance Canyon.
76.00	Wash, in bottom of deep ravine, drains E.; asc. 120 ft. over S. slope.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T41S R4E R5E S24 S19 S25 S30 1958
	Land, very broken. Soil, sand and exposed sandstone. Timber, none.
	North, bet. secs. 19 and 24,
	Over broken land; asc. 105 ft. along broken E. slope.
6.60	Spur, slopes sharply E.; desc. 225 ft. over ledgy NE. slope into Last Chance Canyon.
16.80	Base of NE. slope, bears SE. and NW.; desc. 50 ft. along rolling E. slope in bottom of Last Chance Canyon.
32.50	Low spur, slopes E.; desc. 70 ft. along E. slope.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.
	T41S R4E R5E ¼ S24 S19 1958
	Asc. 75 ft. along E. slope in bottom of Last Chance Canyon.
70.30	Low spur, slopes E.; cont. along E. slope.
78.70	S. bank of wash area, bears E. and SW.; desc. 30 ft. over bank.
80.00	Point for the cor. of secs. 13, 18, 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, in a collar of stone, with brass cap mkd.
	T41S R4E R5E S13 S18 S24 S19 1958
	Land, broken and rolling canyon bottom. Soil, sand and exposed sandstone. Timber, none.

Chains	
	North, bet. secs. 13 and 18. Over rolling land in bottom of Last Chance Canyon, based on the
6.20	Wash in bottom of Last Chance, 3 ft. deep, 60 lbs. wide, drains SE.; asc. SW. slope in canyon.
9.00	Base of steep ascent, bears NW. and SE.; asc. 500 ft. over ledgy SW. slope by triangulation.
30.20	Spur, slopes SW.; desc. 100 ft. over NW. slope.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 13 and 18. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd. T41S R4E R5E $\frac{1}{2}$ S13   S18 1958
	Desc. 330 ft. over NW. slope.
50.00	Wash, drains SW.; asc. 340 ft. over S. slope.
61.50	Point, projects SE. 5.00 chs. to end; desc. 280 ft. over NE. slope.
74.00	Wash, drains S. 40° E.; asc. about 300 ft. over SE. slope.
80.00	Point for the cor. of secs. 7, 12, 13 and 18. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T41S R4E R5E S12   S 7 S13   S18 1958
	Land, broken. Soil, sand and exposed sandstone. Timber, none.
	North, bet. secs. 7 and 12. Over broken land, by triangulation with topography estimated, asc. 40 ft. over broken SE. slope.
4.00	Spur, slopes SE.; asc. about 250 ft. over ledgy SE. slope.
24.30	Point, projects SE. 200 ft. along E. slope.
38.00	Slope changes; asc. about 120 ft. over ledgy S. slope.
40.00	Point for the $\frac{1}{2}$ sec. cor. of sec. 7 and 12, on ledgy S. slope and cannot be monumented.
42.80	Point selected for the witness $\frac{1}{2}$ sec. cor. of sec. 7 and 12.

## East Boundary, T41S, R4E, S. 4 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 3 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. <u>1</u>
	T41S R4E R5E ½ S12   S 7 W C 1958
	Asc. S. slope.
43.00	Top of narrow ridge, bears E. and W.; desc. along a ledgy W. slope.
52.70	Ravine, drains W.; asc. about 300 ft. over ledgy S. slope.
62.00	Point, projects W.; desc. about 200 ft. over ledgy N. slope.
75.00	Ravine, drains SW.; asc. about 100 ft. over ledgy S. slope.
80.00	Point for cor. of secs. 1, 6, 7 and 12 falls on inaccessible ledges facing S. and cannot be monumented.
	Land, broken. Soil, shale and exposed sandstone. Timber, none.
	North, bet. secs. 1 and 6. Over broken land, by triangulation, with topography estimated; asc. about 200 ft. over ledgy S. slope.
14.34	Point selected for the witness cor. of secs. 1, 6, 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. <u>2</u>
	T41S R4E R5E S 1   S 6 S12   S 7 W C 1958
	Asc. 100 ft. over ledgy S. slope.
23.00	S. crest of small mesa, bears E. and W.; thence over top of mesa.
28.90	N. crest of same mesa, bears E. and W.; desc. 130 ft. over ledgy N. slope.
31.70	Point selected for the witness ¼ sec. cor. of secs. 1 and 6.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. <u>3</u>
	T41S R4E R5E ½ W C S1   S 6 1958



## East Boundary, T. 41 S., R. 4 E.

Chains

mmd

- Desc. about 300 ft. over broken N. slopes
- 40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 6 falls on inaccessible ledges facing N. and cannot be monumented.
- 50.00 Gully in bottom of ravine, drains W.; asc. about 400 ft. over ledgy S. slope.
- 68.10 Spur, slopes W.; desc. about 200 ft. over broken N. slope.
- 78.10 Spur, slopes NW.; desc. 190 ft. along broken E. slope.
- 90.97 Intersect Eighth Standard Parallel South at the point for the closing cor. of Tps. 41 S., Rs. 4 and 5 E.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T40S. R4E.

S31

S1 | S6

C 2

R4E R5E

T41S

1958

From this closing cor. the standard Tp. cor. of Tps. 40 S., Rs. 4 and 5 E. bears E. 5.07 chs., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of T. 40 S., R. 4 E.

Land, broken.

Soil, sand, shale and exposed sandstone.

Timber, none.

## Portion of the Subdivision, T. 41 S., R. 4 E.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy., an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

N.  $0^{\circ} 01'$  W., bet. secs. 35 and 36.

Over broken land; asc. 20 ft. along E. slope.

- 4.50 Base of steep ascent, bears E. and W.; asc. 240 ft. over ledgy S. slope.

- 16.90 Top of ridge, bears W. and N.  $70^{\circ}$  E.; desc. 210 ft. over broken N. slope.

- 29.00 Base of N. slope; desc. 180 ft. along W. slope of deep ravine.

- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S R4E

 $\frac{1}{4}$ 

S35 | S36

1958

Cor. falls 30 ft. above wash on steep W. slope.

Desc. 30 ft. over steep W. slope.

Portion of the Subdivision, T. 41 S., R. 4 E.

Chains	
7.60	Wash, 5 ft. deep, 40 in. wide, drains N.; asc. 80 ft. along broken E. slope.
76.10	Base of steep ascent, bears E. and W.; asc. 110 ft. over steep S. slope.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R4E S25 S25 S35 S36 1958
	Land, broken. Soil, sand and exposed sandstone. Timber, none.
	From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp. S. 89° 57' W., bet. secs. 25 and 36.
	Over broken land, by triangulation, with topography scaled from U. S. G. S. topographic map; asc. 40 ft. over NE. slope.
83.10	Spur, slopes N.; desc. 380 ft. over ledgy NW. slope.
12.50	Wash, drains N. 20° E.; asc. 520 ft. over ledgy E. slope.
26.00	Spur, slopes NE.; desc. 220 ft. over NW. slope.
36.00	Wash, drains NW.; asc. 80 ft. over NE. slope.
40.00	True point for the ¼ sec. cor. of secs. 25 and 36 falls on ledgy and shale NE. slope and cannot be perpetuated; asc. 60 ft. over NE. slope.
45.30	Point, projects N.; thence over top of point.
45.60	Point selected for the witness ¼ sec. cor. of secs. 25 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T41S R4E S25 W S36 C 1958
	Desc. 350 ft. over ledgy W. slope.
54.60	Wash, drains NE.; asc. 200 ft. over SE. slope.
64.20 =	Slope changes; asc. 220 ft. along broken and ledgy S. slope.
80.00	The cor. of secs. 25, 26, 35 and 36.
	Land, very broken. Soil, sand, shale and exposed sandstone. Timber, none.

Portion of the Subdivision, T. 41 S., R. 4 E.

Chains		Station
	From the cor. of secs. 33, 34, 33 and 34, on the S. edge, set an iron post, 2 ins. diam., conforming to the official record.	01.00
	N. 0° 02' W., bet. secs. 33 and 34, on the S. edge, set an iron post.	01.00
	Over broken land; asc. 30 ft. along E. rim of Smokey Hollow.	00.00
37.20	Rim, bears S. 30° W. and N. 70° E.; thence curves N.; desc. 100 ft. over ledgy NW. slope.	00.00
40.00	Point for the 1/4 sec. cor. of secs. 33 and 34.	00.00
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 7 ins. in the ground to bedrock, in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.	
	T41S R4E 1/4 S33 S34 1958	
	Desc. 350 ft. over NW. slope.	
61.00	End of descent, bears E. and W.; asc. 400 ft. over ledgy SW. slope.	
70.00	Top of rim, bears N. 75° W. and S. 75° E.; asc. gentle S. slope on top of Smokey Mountain.	
80.00	Point for the cor. of secs. 27, 28, 33 and 34.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T41S R4E S28 S27 S33 S34 1958	
	Land, broken and rolling. Soil, sand and exposed sandstone. Timber, none.	
	Undergrowth, heavy growth of black brush and bunch grass.	
	N. 0° 02' W., bet. secs. 27 and 28, on the S. edge, set an iron post.	
	Over rolling top of Smokey Mountain; asc. gentle S. slope.	
1.00	Top of ascent, bears E. and W.; desc. 110 ft. over NW. slope.	
18.00	Wash, drains W.; asc. 100 ft. over broken S. slope.	
25.50	Top of ascent, bears E. and W.; desc. 270 ft. over broken NW. slope.	
40.00	Point for the 1/4 sec. cor. of secs. 27 and 28.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut on solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T41S R4E 1/4 S28 S27 1958	
	Desc. 10 ft. over NW. slope.	

Location of the Subdivision, T. 41 S., R. 4 E.

Chains	
40.10	Shallow drain, 4 ft. deep, 30 ins. wide, drains W.; asc. 260 ft. over SW. slope.
56.10	Top of rim, bears W. and SE.; asc. 50 ft. over gentle S. slope on top of Smoky Mountain.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T41S R4E
	S21 S22
	S28 S27
	1958
	Land, broken and rolling.
	Soil, sand and exposed sandstone.
	Timber, none.
	N. 0° 02' W., bet. secs. 21 and 22.
	Over rolling land on top of Smoky Mountain; asc. 20 ft. over gentle S. slope.
13.60	Top of ascent, bears NE. and SW.; desc. 5 ft. along gentle E. slope.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T41S R4E
	S21 S22
	1958
	Desc. 10 ft. along gentle E. slope; enter scattered timber.
72.00	Small drain, drains E.; asc. 5 ft. along E. slope.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.
	Set an iron post, 30 ins. long, 2½ ins. diam., covers a cross (X) cut on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T41S R4E
	S16 S15
	S21 S22
	1958
	Land, rolling.
	Soil, sand and exposed sandstone.
	Timber, scattered juniper and pinon.
	N. 0° 02' W., bet. secs. 15 and 16.
	Over broken land; desc. 30 ft. along slightly broken E. slope.
34.80	Shallow drain, drains E.; desc. 15 ft. along E. slope.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16.

Portion of the Subdivision T. 41 S., R. 4 E.

Chains		
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.	01.30
	T41S R4E S16 S15 1958	00.00
	Desc. 20 ft. along broken E. slope.	
42.20	Small wash, drains E.; desc. 20 ft. along E. slope.	
49.60	Small wash, drains E.; asc. 50 ft. along E. slope.	
80.00	Point for the cor. of secs. 9, 10, 15 and 16.	
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T41S R4E S 9 S10 S16 S15 1958	00.30
	Land, broken.	
	Soil, sand and exposed sandstone.	00.30
	Timber, scattered juniper and pinon.	00.00
	N. 0° 02' W., bet. secs. 9 and 10.	
	Over broken land, through scrub cedar; desc. 70 ft. along E. slope.	
22.10	Small wash, drains E.; asc. 60 ft. over S. slope of knoll.	
26.00	Top of knoll, about 2 chs. diam.; desc. 40 ft. along E. slope.	
40.00	Point for the ¼ sec. cor. of secs. 9 and 10.	
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T41S R4E ½ S 9  S10 1958	00.30
	Cont. along E. slope.	
57.60	Small wash, drains E.; asc. 20 ft. along E. slope.	
71.40	Slope changes; desc. 30 ft. over NE. slope.	
80.00	Point for the cor. of secs. 3, 4, 9 and 10.	
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, 26 ins. high, with brass cap mkd.	
	T41S R4E S4 S3 S9 S10 1958	00.00
	Land, broken.	
	Soil, sand and exposed sandstone.	
	Timber, medium growth of cedar.	

Portion of the Subdivision, T. 41 S., R. 4 E.

Chains	
	N. 0° 02' W., bet. secs. 3 and 4.
	Over broken land, through medium growth of cedr; desc. NE. slope.
1.10	Small wash, drains NE.; desc. 120 ft. over NE. slope.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R4E S4 S3 1958
	Cont. over NE. slope.
44.00	Rim, bears N. 70° W. and S. 70° E.; desc. about 300 ft. over ledgy NE. slope, by triangulation with topography estimated.
57.00	Wash in bottom of ravine, drains NW.; asc. about 300 ft. over ledgy SW. slope.
75.00	W. rim of same ravine, bears SE. and NW.; thence over top of point projecting NW.
83.00	N. rim of same point, also S. rim of Last Chance Canyon, bears NE. and SW.; desc. about 300 ft. over ledges facing NW. and steep NW. slope.
90.49	Intersect Eighth Standard Parallel South at the point for the closing cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T40S R4E S33 S4 S3 CC T41S R4E 1958
	Cor. falls about 30 ft. above wash in Last Chance Canyon.
	From this closing cor. the true point for the standard cor. of secs. 33 and 34, T. 40 S., R. 4 E., bears E. 4.96 chs. dist.; from which its witness cor. bears E. 4.43 chs. dist., an iron post, 2 $\frac{1}{2}$ ins. diam. conforming to the field notes of T. 40 S., R. 4 E.
	Land, broken. Soil, sand and exposed sandstone. Timber, medium growth of scrub cedar.
	The point for the cor. of secs. 1 and 2 is on the Eighth Standard Parallel, South, at a proportionate dist. between the NE. Tp. cor. and the closing cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 15 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

Portion of the Subdivision T. 41 S., R. 4 E.

Chains		enladO
	<p>T40S R4E S35 S2 S1 T41S R4E 1958</p> <p>From this cor. the standard cor. of secs. 35 and 36, bears E. 5.03 chs. dist., an iron post, 2½ ins. diam., conforming to the field notes of T. 40 S., R. 4 E.</p>	
	<p>The point for the ¼ sec. cor. of sec. 2 is at midpoint on the N. bdy. of sec. 2 and on the Eighth Standard Parallel South.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p>T40S R4E S2 S1 T41S R4E 1958</p> <p>From this cor. the standard ¼ sec. cor. of sec. 35 bears E. 5.01 chs. dist., an iron post, 1 in. diam., conforming to the field notes of T. 40 S., R. 4 E.</p>	
	<p>The point for the cor. of secs. 2 and 3 is on the Eighth Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the Tp. and the closing cor. of secs. 3 and 4.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p>T40S R4E S34 S3 S2 T41S R4E 1958</p> <p>From this cor. the true point for the standard cor. of secs. 34 and 35 bears E. 4.98 chs. dist., from which its granite corner, an iron post, 2½ in. diam., conforming to the field notes of T. 40 S., R. 4 E., bears W., 2.40 chs. dist.</p>	
	<p>From the cor. of secs. 2 and 3, on the N. bdy. of the township. S. 0° 01' E., bet. secs. 2 and 3.</p> <p>Over broken land; asc. about 300 ft. over ledgy N. slope of Last Chance Canyon.</p>	
29.70	<p>Crest of S. rim of Last Chance Canyon, bears NW. and SE.; asc. 35 ft. over rolling N. slope of mesa, through medium growth of timber.</p>	
50.65	<p>Point for the ¼ sec. cor. of secs. 2 and 3.</p>	

2 A 3 E. **Portion of the Subdivision T. 41 S., R. 4 E.**

Chains	
78.30	<p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T41S R4E 12 N2 S12 S2 1958</p> <p>Asc. 30 ft. over rolling top of mesa.</p> <p>Top of ascent on top of mesa, bears SE and NW.; desc. 10 ft. over rolling SW. slope.</p>
90.65	<p>Point for the cor. of secs. 2, 3, 10 and 11.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 1¼ ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T41S R4E S3 S2 S10 S11 1958</p> <p>Land, broken and rolling. Soil, sand and exposed sandstone. Timber, medium growth of juniper and pinon.</p>
6.40	<p>S. 89° 53' E., bet. secs. 2 and 11.</p> <p>Over rolling land, through medium growth of timber; asc. 15 ft. over SW. slope on top of mesa.</p> <p>Top of ascent, bears N. and S.; thence over level top of mesa.</p>
14.20	<p>Top of ascent, bears N. and S.; desc. 60 ft. over E. slope.</p>
24.30	<p>W. rim of Last Chance Canyon, bears N. and S. irregularly; desc. 550 ft. over ledgy E. slope.</p>
40.00	<p>Point for the ¼ sec. cor. of secs. 2 and 11.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T41S R4E ¼ S 2 S11 1958</p> <p>Desc. about 400 ft. over ledgy E. slope.</p>
53.50	<p>Wash in bottom of Last Chance Canyon, 3 ft. deep, 70 lks. wide, drains SE.; asc. about 100 ft. over NW. slope of spur.</p>
61.50	<p>Spur, slopes S. 50° W., 1 ch. and ends in prominent sandstone knob; desc. 160 ft. over SE. slope.</p>
72.00	<p>Base of steep descent, bears SW. and NE.; thence along S. slope in bottom of Last Chance Canyon.</p>
80.00	<p>Point for the cor. of secs. 1, 2, 11 and 12.</p>



## Portion of the Subdivision, T. 41 S., R. 4 E.

Chains

and 10

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R4E

S2|S1

S11|S12

1958

Land, broken.

Soil, sand and exposed sandstone.

Timber, medium growth pinon and cedar on mesa top.

N. 0° 03' W., bet. secs. 1 and 2.

Over broken land, by triangulation with topography estimated; asc. about 300 ft. over ledgy S. slope.

14.50 Spur, slopes W.; thence along broken W. slope of Last Chance Canyon.

40.00 Point for the ¼ sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R4E

¼

S2|S1

1958

Cont. along broken E. slope.

47.00 Spur, slopes W.; desc. about 350 ft. over N. slope.

58.50 Wash in bottom of ravine, drains W.; asc. about 300 ft. over S. slope.

75.60 Spur, slopes S. 70° W.; asc. about 400 ft. along ledgy W. slope.

90.40 Rocky ridge, bears N. 20° W. and S. 10° E.; desc. 10 ft. over N. slope.

90.81 The cor. of secs. 1 and 2, on the Eighth Standard Parallel South.

Land, broken.

Soil, sand and exposed sandstone.

Timber, none.

From the cor. of secs. 15, 16, 21 and 22.

West, bet. secs. 16 and 21.

Over rolling land, through scattered cedar; asc. 60 ft. along rolling E. slope.

40.00 Point for the ¼ sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 5 ft. base to top, with brass cap mkd.

Portion of the Subdivision, T. 41 S., R. 4 E.

Chains	
41.00	<p>Slope changes; desc. 40 ft. along slightly broken S. slope.</p> <p>Small wash, drains S.; asc. 20 ft. along S. slope.</p> <p>Point for the cor. of secs. 16, 17, 20 and 21.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over across (X) cut on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p>Land, rolling to slightly broken.</p> <p>Soil, sand and exposed sandstone.</p> <p>Timber, scattered cedar.</p>
40.00	<p>N. 0° 03' W., bet. secs. 16 and 17.</p> <p>Over rolling land, through scattered cedar; asc. 70 ft. over S. slope.</p> <p>Point for the ½ sec. cor. of secs. 16 and 17.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p>Asc. 25 ft. over rolling S. slope.</p>
56.00	<p>Slope changes, thence along rolling E. slope.</p>
80.00	<p>Point for the cor. of secs. 8, 9, 15 and 16.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p>Land, rolling.</p> <p>Soil, sand.</p> <p>Timber, scattered cedar, with heavy growth of bunch grass and black brush.</p>
	<p>From the cor. of secs. 9, 10, 15 and 16.</p> <p>N. 89° 59' W., bet. secs. 9 and 16.</p>

## Portion of the Subdivision, T. 41 S., R. 4 E.

Chains

Elevations

Over broken land, through medium growth of timber; asc. 20 ft. along E. slope.

6.40 Slope changes; desc. 25 ft. over slightly broken NE. slope.

39.98 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground in a collar of stone, with brass cap mkd.

T41S R4E

 $\frac{1}{4}$  S 9

S16

1958

Desc. 20 ft. over NE. slope.

46.10 Small wash, drains NE.; asc. 30 ft. over NE. slope.

53.50 Slope changes; asc. 35 ft. along rolling E. slope.

79.95 The cor. of secs. 8, 9, 16 and 17.

Land, broken and rolling.

Soil, sand and exposed sandstone.

Timber, medium growth of scrub cedar and pinon.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy., an iron post 2 ins. diam., conforming to the record.

N.  $0^{\circ} 03' W.$  bet. secs. 32 and 33.

Over broken land, by triangulation with topography scaled from U. S. G. S. topographic maps; desc. 50 ft. over NW. slope in Smoky Hollow

7.20 Wash, drains SW.; asc. 450 ft. over ledgy SE. slope.

25.60 Top of steep ascent, bears SW. and NE.; asc. 50 ft. over S. slope on top of mesa.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R4E

S32 | S33

1958

Cont. over top of mesa.

43.00 N. crest of same mesa, bears NE. and SW.; desc. 260 ft. over ledgy NW. slope.

57.40 Wash, drains SW.; asc. 200 ft. over ledgy S. slope.

63.80 Spur, slopes SW.; desc. 300 ft. over broken NW. slope.

74.70 Wash, drains SW.; asc. 90 ft. over S. slope.

80.00 Point for the cor. of secs. 28, 29, 32 and 33.

Part of the Subdivision T. 4 S., R. 4 E.

Chains	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd. T41S R4E S29 S28 S32 S33 1958
	Land, broken. Soil, sand and exposed sandstone. Timber, none.
2.00	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy., an iron post, 2 ins. diam., conforming to the record. N. 0° 03' W., bet. secs. 31 and 32. Over broken land; asc. 100 ft. over broken S. slope.
14.00	Top of ridge, bears SE. and W.; desc. about 300 ft. over N. slope.
27.50	Base of steep descent, bears E. and curves NW.; desc. about 100 ft. along broken E. slope.
36.00	Small ravine, drains E.; asc. about 30 ft. over S. slope.
40.00	Point for the 1/2 sec. cor. of secs. 31 and 32. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 1/2 ft. base, 18 ins. high, with brass cap mkd. T41S R4E S31 S32 1958
	Asc. 20 ft. over S. slope.
43.00	Spur, slopes N. 80° E., 15 chs. to end in point; desc. 200 ft. over ledgy N. slope.
52.80	Wash, drains E.; asc. about 250 ft. over ledgy S. slope.
58.00	S. rim of point, bears E. and W.; thence over top of point.
62.00	N. rim of same point, bears W. and SE.; desc. 200 ft. over NW. slope.
65.90	Wash, drains S. 30° E.; asc. about 200 ft. over ledgy SE. slope.
72.60	Top of rim, bears SE. and NE. on curve; asc. 10 ft. over S. slope on small bench.
80.00	Point for the cor. of secs. 29, 30, 31 and 32. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd. T41S R4E S30 S29 S31 S32 1958

## Portion of the Subdivision, T. 41 S., R. 4 E.

Chains

miles

Cor. falls at base of steep SE slope. 100 yd. work in 1958  
Land, broken.  
Soil, sandy clay and exposed sandstone.  
Timber, none.

From the cor. of secs. 28, 29, 32 and 33. 100 yd. work in 1958  
S. 89° 56' W., bet. secs. 29 and 32.

Over broken land, by triangulation with topography scaled from U. S. G. S. topographic maps; asc. 160 ft. along ledgy S. slope.

13.50 Spur, slopes SE.; desc. 80 ft. over SW. slope.

18.00 Wash, drains SE.; asc. 80 ft. over E. slope.

22.00 Spur, slopes S.; desc. 250 ft. over ledgy W. slope into Smokey Hollow

37.80 Wash in bottom of Smokey Hollow, 3 ft. deep, 70 lks. wide, drains S. irregularly; asc. 50 ft. over steep E. slope.

39.99 Point for the 1/4 sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 25 ins. high, with brass cap mkd.

T41S R4E

S29

S32

1958

Asc. 40 ft. over E. slope.

43.00 Slope changes; asc. 200 ft. over SE. slope of ravine draining SE.

55.00 Head of ravine, also spur, slopes SE.; desc. about 150 ft. over W. slope.

60.00 Wash, drains S.; asc. about 100 ft. over E. slope.

65.30 Rim, bears N. and S.; asc. along S. slope on top of bench.

73.00 Wash, drains S. from 10 chs. N. to head; asc. 20 ft. over bench.

79.98 The cor. of secs. 29, 30, 31 and 32.

Land, broken.

Soil, sand and exposed sandstone.

Timber, none.

## General Description

The land within this township is mountainous and rough and the elevation varies from about 4,400 ft. above sea level in the canyon bottoms to 5,600 ft. above sea level on top of Smokey Mountains, which bear northwest and southeast through the township. The east half of the township drains east into Last Chance Canyon, which enters the township in section 1 and runs south, leaving the township in section 13 on the east boundary. The west half of the township drains southwest and south into Smokey Hollow, which leaves the township in section 32 on the south boundary.

Township 41 South, Range 4 East

Chains	<div data-bbox="985 174 1047 207">amied</div> <p data-bbox="166 185 1102 316">There is scattered juniper and piñon along the slopes of Smoky Mountain. The soil is sandy, varying from shallow on the benches to deep in the canyon bottoms. There are numerous exposed sandstone ridges throughout the township.</p> <p data-bbox="166 327 1065 404">There are no access roads or improvements within the township and the land is used primarily for livestock grazing.</p> <p data-bbox="166 414 930 458">Access to the survey lines was provided by helicopters.</p>
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Volume

#

R0549

## FIELD ASSISTANTS

16-53565-2

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the ~~Manual of Instructions for the~~ Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

April 14, 1959

*Craig F. Sylvester*  
Craig F. Sylvester  
Cadastral Surveyor

## CERTIFICATE OF APPROVAL

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

**Cadastral Engineering Staff Officer.**

# CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_

, is a true copy of the original field notes.

~~Cadastral Engineering Staff Officer~~



I, Vern E. Lane, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 27th day of August, 1959, I have ~~personally~~ supervised the survey of the east boundary and a portion of the subdivision of T. 41 S., R. 4 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed under my supervision ~~by me and under my direction~~, and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

April 14, 1959

  
Vern E. Lane

Cadastral Surveyor

### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 9 1959, 1959

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of T. 41 S., R. 4 E., SLM, Utah

executed by Craig P. Sylvester, under the supervision of Vern E. Lane

having been critically examined and found correct, are hereby approved.

  
Cadastral Engineering Staff Officer.

### CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in T. 41 S., R. 4 E., SLM, Utah, is a true copy of the original field notes.~~

~~Cadastral Engineering Staff Officer.~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY

OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 41 SOUTH, RANGE 5 EAST

Of the Salt Lake Meridian,

in the State of Utah

## EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Craig P. Sylvester - Cadastral Surveyor

Fred R. Chappell - Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided

for the surveys included under Group No. 408, approved November 8, 1956

and assignment instructions dated May 7, 1958

Survey commenced June 19, 1958

Survey completed August 22, 1958

# INDEX DIAGRAM

Township 41 South, Range 5 East

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16-56770-1

Craig P. Sylvester \_\_\_\_\_

Fred R. Chappell \_\_\_\_\_

2501

## Township 41 South, Range 5 East

Chains

The north boundary (Eighth Standard Parallel South) was surveyed concurrently under Group 409 by Fred R. Chappell. The record thereof is included in the field notes of Tp. 40 S., R. 5 E. The south boundary was surveyed concurrently and under Group 408 by Craig P. Sylvester. The record thereof is included in the field notes of Tp. 42 S., R. 5 E. The west boundary was surveyed concurrently and under Group 408 by Craig P. Sylvester. The record thereof is included in the field notes of Tp. 41 S., R. 4 E.

The following field notes are those of the survey of the east boundary and a portion of the subdivision of Tp. 41 S., R. 5 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that are normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits, serial Nos. 461263 and 541327, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or latitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude  $37^{\circ} 11' 37.0''$  N. and longitude  $111^{\circ} 18' 26.6''$  W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ} 15' E.$

East Boundary of Tp. 41 S., R. 5 E.

Chains		ended
	Beginning at the cor. of Tps. 41 and 42 S., Rs. 5 and 6 E., an iron post, 2½ ins. diam., conforming to the field notes of Tp. 40 S., R. 5 E.	
	North, bet. secs. 31 and 36	
19.60	Over rolling land; asc. 30 ft. over gentle S. slope.	
	Low knoll with white sandstone cap; desc. 25 ft. over rolling land with E. exposure.	
40.00	Point for the ¼ sec. cor. of secs. 31 and 36	
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.	
	T41S R5E R6E S36 S31 1958	
	No other available accessories.	
	Over rolling land with E. exposure.	
80.00	Point for the cor. of secs. 25, 30, 31 and 36.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T41S R5E R6E S25 S30 S36 S31 1958	
	Land, rolling.	
	Soil, sand.	
	Timber, none; undergrowth, blackbrush.	
	North, bet. secs. 25 and 30.	
	Over rolling land with E. exposure.	
1.50	S. rim of ravine, bears NE. and SW.; desc. 170 ft. over ledgy NW. slope.	
17.40	Wash in bottom of ravine, drains NE.; asc. 120 ft. over ledgy S. slope.	
30.00	Spur, slopes E.; also E. edge of prominent white capped knoll; desc. 150 ft. over broken N. slope.	
40.00	Point for the ¼ sec. cor. of secs. 25 and 30.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T41S R5E R6E ¼ S25 S30 1958	
	Desc. 30 ft. over N. slope.	

## East Boundary of Tp. 41 S., R. 5 E.

Chains	
40.50	N. rim of Rogers Canyon, bears N. 60° E. and S. 60° W.; by triangulation desc. 240 ft. over ledgy N. slope.
52.00	Wash in bottom of Rogers Canyon, drains N. 60° E.; asc. 240 ft. over ledgy SW. slope.
58.00	Small spur, slopes W.; also a prominent black clay knoll bears W. 1 ch.
60.00	N. rim of Rogers Canyon, bears S. 70° W. and N.; asc. 50 ft. over SW. slope.
72.20	Small rocky knoll; desc. 25 ft. over N. slope.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	<div style="text-align: center;">           T41S            R5E R6E            S24 S19            S25 S30            1958         </div>
	Land, rolling and broken. Soil, sand and exposed sandstone. Timber, none; undergrowth, blackbrush.
	North, bet. secs. 19 and 24.
	Over broken land; desc. 25 ft. along W. slope.
21.80	Top of lone sandstone table, 20 ft. high, 60 ft. long, 20 ft. wide; desc. 25 ft. along W. slope.
31.00	Wash, 2 ft. deep, 70 lks. wide, drains S. 70° W.; asc. 70 ft. along W. slope.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, and in a collar of stone, with brass cap mkd.
	<div style="text-align: center;">           T41S            R5E R6E            ¼            S24 S19            1958         </div>
	Desc. 25 ft. along W. slope.
54.40	Bladed road, bears E. and W. irregularly.
80.00	Point for the cor. of secs. 13, 18, 19 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;">           T41S            R5E R6E            S13 S18            S24 S19            1958         </div>
	No other available accessories.

## East Boundary of Tp. 41 S., R. 5 E.

Chains

Land, broken.

Soil, sand and exposed sandstone clay.

Timber, none; undergrowth, scattered blackbrush.

North, bet. secs. 13 and 18.

Over broken land; asc. 5 ft. along W. slope.

6.10 Low spur, slopes W.; thence over small basin on E. side of Rogers Canyon.

22.10 Base of steep S. slope; asc. 145 ft. over S. slope.

36.00 Spur, slopes S. 75° W.; desc. 15 ft. over N. slope.

39.10 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S

R5E R6E

 $\frac{1}{4}$ 

W C

S13 S18

1958

39.20 Crest of steep N. slope; by triangulation with topography estimated desc. 150 ft. over steep clay N. slope.

40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18 falls on steep shale and clay slope and cannot be perpetuated.

52.00 Wash, drains W.; asc. about 200 ft. over steep S. slope.

60.00 Top of ridge, bears E. and W.; desc. about 100 ft. over N. slope.

68.00 Wash, drains W.; asc. about 100 ft. over S. slope.

74.60 Top of ascent bears E. and W.; desc. 50 ft. over N. slope.

80.00 Point for the cor. of secs. 7, 12, 13 and 18.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S

R5E R6E

S12 S 7

S13 S18

1958

Land, broken.

Soil, clay.

Timber, none.

North, bet. secs. 7 and 12.

Over broken land; asc. 130 ft. along broken W. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 7 and 12.

## East Boundary of Twp. 41 S., R. 5 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S  
R5E R6E

½  
S12 | S 7

1958

Desc. 50 ft. along broken W. slope.

76.90 Small wash, drains S. 30° W.; asc. 25 ft. over S. slope.

80.00 Point for the cor. of secs. 1, 6, 7 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S  
R5E R6E

S 1 | S 6  
S12 | S 7

1958

Land, broken.

Soil, shale and clay.

Timber, none.

North, bet. secs. 1 and 6.

Over broken land; desc. 155 ft. along broken W. slope.

19.60 Wash, 30 lks. wide, 4 ft. deep, drains W.; asc. 80 ft. along W. slope.

21.10 Spur, slopes W. for 6 chs., 30 lks. wide; desc. 135 ft. along W. slope.

26.20 Wash, drains S. 70° W.; asc. 170 ft. along W. slope.

40.00 Point for the ¼ sec. cor. of secs. 1 and 6 on top of spur sloping W.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S  
R5E R6E

½  
S 1 | S 6

1958

Desc. 150 ft. over broken NW. slope.

69.40 Wash in bottom of Rogers Canyon, drains S. 20° W. from N. 20° W. on curve; asc. 250 ft. over SW. slope.

79.80 Spur, slopes N. 45° W.; desc. 150 ft. over broken NW. slope.

91.19 Intersect Eighth Standard Parallel South at the point for the closing cor. of secs. 1 and 6, Tps. 41 S., Rs. 5 and 6 E.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.



## East Boundary of Tp. 41 S., R. 5 E.

Chains

T406 R5E

S36

S 1 | S 6

C C

T41S

T5E R6E

1958

From the closing cor., the standard cor. of Tps. 40 S., Rs. 5 and 6 E. bears E., 7.54 chs. dist., an iron post, 2½ ins. diam., conforming to the field notes of Tp. 40 S., R. 5 E.

Land, broken.

Soil, sandy, clay and exposed sandstone.

Timber, none.

## Portion of the Subdivision, Tp. 41 S., R. 5 E.

From the cor. of secs. 1, 2, 35 and 36 on the S. bdy.

N. 0° 01' W., bet. secs. 35 and 36.

Over rolling land, covered with blackbrush and bunch grass; asc. 105 ft. over gentle S. slope.

40.00

Point for the ¼ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.

T41S R5E

¼

S35 | S36

1958

No other accessories.

Asc. 50 ft. over S. slope.

45.40

Spur, slopes S. 60° E.; desc. 50 ft. over rolling SE. slope.

54.35

Blude clay spire, about 30 ft. high, 10 ft. diam., bears E., 10 lks.

58.00

Base of steep ascent, bears E. and W.; asc. 120 ft. over S. slope.

65.84

Spur, slopes S. 70° E.; desc. 130 ft. over N. slope.

71.50

Wash, drains E.; asc. 80 ft. over S. slope.

77.20

Spur, slopes W.; desc. 50 ft. over N. slope.

80.00

Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T41S R5E

S26 | S25

S35 | S36

1958

Land, rolling and broken.

Soil, sand and clay.

Timber, none.

Portion of the Subdivision, Tp. 41 S., R. 5 E.

Chains

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy.

N. 89° 59' W., bet. secs. 25 and 36.

Over rolling land; asc. 30 ft. over E. slope.

12.30 E. rim of ravine, bears NE. and SW.; desc. 80 ft. over broken NW. slope.

16.70 Wash in bottom of ravine, drains NE.; asc. 90 ft. over broken SE. slope.

23.00 W. rim of same ravine, bears NE. and SW.; asc. 15 ft. along S. slope.

40.01 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S R5E  
 $\frac{1}{4}$   $\frac{S25}{S36}$   
 1958

Asc. 40 ft. over rolling E. slope.

61.30 Base of steep ascent, bears N. and S.; asc. 170 ft. over E. slope.

72.20 Spur, slopes N. 75° E.; asc. along N. slope.

80.03 The cor. of secs. 25, 26, 35 and 36..

Land, rolling and broken.

Soil, sandy and clay.

Timber, none.

From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the township, an iron post, 2 $\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 42 S., R. 5 E..

N. 0° 02' W., bet. secs. 33 and 34.

Over broken land, by triangulation with topography scaled from U.S.G.S. topographic map; asc. 440 ft. over broken and ledgy S. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 5 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R5E  
 $\frac{1}{4}$   $\frac{S33}{S34}$   
 1958

Asc. 200 ft. over broken S. slope.

48.50 Base of steep ascent, bears E. and W.; asc. 240 ft. over steep S. sloping and ledges facing S.

53.70 Crest of steep ascent, bears SW. and E.; asc. 80 ft. over SE. slope.

64.00 Spur, slopes E.; asc. 180 ft. along E. slope.

Chains		angle(?)
79.00	Saddle on top of point projecting W.; desc. 10 ft. over NW slope.	
80.00	Point for the cor. of secs. 27, 28, 33 and 34	
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T41S R5E S28 S27 S33 S34 1958	67.61
	Land, broken. Soil, sand and shale. Timber, none.	
	N. 0° 02' W., bet. secs. 27 and 28.	
	Over broken land; desc. 480 ft. over ledgy NW. slope into deep ravine.	
18.00	Gully in bottom of ravine, drains W.; asc. 500 ft. over ledgy SW. slope.	
31.70	Point projects W.; desc. 220 ft. over ledgy NW. slope.	
40.00	Point for the ¼ sec. cor. of secs. 27 and 28.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 9 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T41S R5E ¼ S28 S27 1958	
	Desc. 100 ft. over NW. slope.	
47.00	Gully, drains NE.; asc. 120 ft. over S. slope.	
55.60	Top of inaccessible island, about 2 chs. diam.; desc. 500 ft. over ledgy N. slope.	
71.00	Wash, drains W.; asc. 500 ft. to top of point projecting W.; asc. over S. slope.	
80.00	Point for the cor. of secs. 21, 22, 27 and 28 falls on steep shale ledges and cannot be perpetuated.	
	Land, broken. Soil, sand, shale and exposed sandstone. Timber, none.	
	N. 0° 02' W., bet. secs. 21 and 22.	
	Over broken land; asc. S. slope.	
2.16	Point selected for the witness cor. of secs. 21, 22, 27 and 28.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.	

Section of the Subdivision, T4S R5E, S21 S22, S28 S27, W C, 1958

Chains	
	T4S R5E S21 S22 S28 S27 W C 1958
	Witness cor. falls 250 ft. below top of point on S. slope.
13.90	Point projects W.; desc. 40 ft. over N. slope.
17.80	Small point, projects N. 60° E. for 1 ch.; desc. 240 ft. over NW. slope.
37.40	Wash, 3 ft. deep, 50 lks. wide, drains W.; asc. 60 ft. over S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22.  Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T4S R5E $\frac{1}{4}$ S21 S22 1958
	Asc. 70 ft. over S. slope.
44.00	Spur, slopes W.; desc. 270 ft. along NW. slope.
62.50	Wash, drains SW.; asc. 240 ft. over SE. slope.
69.50	Crest of steep ascent, bears NE. and SW.; asc. 40 ft. over S. slope.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.  Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T4S R5E S16 S15 S21 S22 1958
	Land, broken. Soil, sand and shale. Timber, none.
	N. 0° 02' W., bet. secs. 15 and 16.  Over broken land; asc. 60 ft. over S. slope.
3.40	Spur, slopes SW.; desc. 80 ft. over NW. slope.
16.50	Wash, drains SW.; asc. 400 ft. over broken and ledgy S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16.  Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T4S R5E $\frac{1}{4}$ S16 S15 1958

Portion of the Subdivision, Tps. 41 S., R. 5 E.

Chains	and
	Asc. 130 ft. over S. slope.
45.30	S. rim of ridge, bears N. 80° W. and S. 80° E.; thence over top of ridge.
46.80	N. rim of same ridge, bears N. 80° W. and S. 80° E.; desc. 380 ft. over NE. slope.
62.00	Ravine, drains NE.; asc. 160 ft. over SE. slope.
69.00	Spur, slopes NE.; desc. 170 ft. over steep N. slope into canyon.
80.00	Point for the cor. of secs. 9, 10, 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. <div style="text-align: center;">T41S R5E S 9   S10 S16   S15 1958</div> Land, broken. Soil, sand and exposed sandstone. Timber, none.
	N. 0° 02' W., bet. secs. 9 and 10. Over broken land, by triangulation with topography estimated; desc. 80 ft. over N. slope.
10.00	S. rim of canyon, bears NW. and SE.; desc. 240 ft. over ledges into canyon.
18.00	Wash in bottom of canyon, drains SE.; asc. 240 ft. over steep S. slope and ledges facing S.
28.00	N. rim of same canyon, bears SE. and NW.; asc. 80 ft. over S. slope.
34.00	Low spur, slopes W.; asc. 20 ft. along W. slope.
40.00	Point for the ¼ sec. cor. of secs. 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. <div style="text-align: center;">T41S R5E S 9   S10 1958</div> Asc. 30 ft. along W. slope.
41.90	Low spur, slopes W.; asc. 180 ft. along W. slope.
57.10	Spur, slopes W.; desc. 110 ft. along W. slope.
64.70	Small wash, drains W.; asc. 75 ft. along W. slope.
73.90	Spur, slopes W.; desc. 20 ft. along W. slope.
76.80	Small drain, drains W.; asc. 5 ft. over SW. slope.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.

Portion of the Subdivision, Tp. 41 S., R. 5 E.

Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 7 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R5E

S 4 | S 3

S 9 | S10

1958

Land, broken.

Soil, sand and exposed sandstone.

Timber, none.

N.  $0^{\circ} 02' W.$ , bet. secs. 3 and 4.

Over broken land; asc. 40 ft. over SW. slope.

3.10 Spur, slopes W.; desc. 95 ft. along W. slope.

13.80 Wash, 3 ft. deep, 50 lks. wide, drains S.  $10^{\circ} W.$ ; asc. 50 ft. along E. slope.

17.00 Spur, slopes E., 1.50 chs. to wash; desc. 45 ft. over N. slope.

18.80 Same wash, drains SE.; asc. 250 ft. over broken SW. slope.

24.90 Spur, slopes W. from a prominent point, 1.00 ch. dist.; asc. 50 ft. along top of divide.

36.30 Leave divide which bears N.  $10^{\circ} E.$ ; asc. 10 ft. along W. slope.

40.00 Point for the  $\frac{1}{2}$  sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R5E

$\frac{1}{2}$

S 4 | S 3

1958

Asc. 140 ft. along broken W. slope.

58.10 Crest of steep ascent, bears E. and W.; asc. 70 ft. over S. slope in brush covered basin.

77.10 N. crest of basin; desc. 50 ft. over broken basin.

91.03 Intersect Eighth Standard Parallel South at the point for the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T40S R5E

S33

S 4 | S 3

C.C.

T41S R5E

1958

From this cor., the standard cor. of secs. 33 and 34, Tp. 40 S., R. 5 E. bears E., 7.39 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 40 S., R. 5 E.

Chance

Land, broken.  
Soil, sand and exposed sandstone.  
Timber, none.

The point for the cor. of secs. 1 and 2 is on the Eighth Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T408 R5E

S 35

S 2 | S 1

T41S R5E

1958

From this cor., the standard cor. of secs. 35 and 36, Tp. 40 S., R. 5 E. bears E., 7.49 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 40 S., R. 5 E.

The true point for the  $\frac{1}{4}$  sec. cor. of sec. 2 is on the Eighth Standard Parallel South, and at midpoint on the N. bdy. of sec. 2; falls in a wash where the cor. cannot be perpetuated.

From the true point for the  $\frac{1}{4}$  sec. cor. of sec. 2, the point selected for the witness  $\frac{1}{4}$  sec. cor. of sec. 2 bears E., 86 lks. dist.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{4}$  ft. base to top, with brass cap mkd.

 $\frac{1}{4}$  S 2

T41S R5E

W C

1958

From the true point for the  $\frac{1}{4}$  sec. cor., the standard  $\frac{1}{4}$  sec. cor. of sec. 35, Tp. 40 S., R. 5 E. bears E., 7.46 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 40 S., R. 5 E.

The point for the cor. of secs. 2 and 3 is on the Eighth Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground with brass cap mkd.

T408

S 34

S 3 | S 2

T41S R5E

1958

From this cor., the standard cor. of secs. 34 and 35, Tp. 40 S., R. 5 E. bears E., 7.44 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 40 S., R. 5 E.

Portion of the Subdivision, Tp. 41 S., R. 5 E.

Chains

From the cor. of secs. 2 and 3 on the N. bdy. of the township.

S. 0° 01' E., bet. secs. 2 and 3.

Over broken desert land, through scant undergrowth; desc. 230 ft. over SW. slope.

9.90 Wash in draw, drains SE., 1.00 ch., thence NE. for 2.00 chs., thence SE.; asc. 165 ft. over N. slope.

14.40 Spur, projects E.; thence over series of small clay spurs and washes putting to the E.

51.09 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 3 falls in wash where the cor. cannot be perpetuated.

51.49 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3 $\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R5E

$\frac{1}{4}$   
S 3 | S 2  
1958

Asc. 50 ft. over N. slope.

54.00 Spur, projects E.; desc. 150 ft. over broken S. slope.

59.00 Draw, drains SE.; asc. 125 ft. over N. slope.

65.00 Spur, projects SE.; desc. 90 ft. over S. slope.

72.00 Draw, drains E.; asc. 85 ft. over N. slope.

78.00 Spur, projects E.; thence along rolling SE. slope.

91.09 Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R5E

$\frac{1}{4}$   
S 3 | S 2  
S10 | S11  
1958

Land, broken desert.

Soil, clay, rocky.

Timber, none; undergrowth, scant shadscale, mountain rush, grass and weeds.

S. 89° 58' E., bet. secs. 2 and 11.

Over gently rolling desert land, through scant undergrowth; desc. 195 ft. over E. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.



Chains	
	<p>T<sub>41</sub>S R<sub>5</sub>E  <math>\frac{1}{2}</math> S 2  S11  1958</p> <p>Desc. 60 ft. over N. slope.</p>
41.20	Wash, drains SE.; asc. 50 ft. over SW. slope.
44.00	Spur, projects SE.; desc. 170 ft. over E. slope.
66.30	Navajo Wash, drains S.; asc. 50 ft. along gentle SW. slope.
80.00	Point for the cor. of secs. 1, 2, 11 and 12.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	<p>T<sub>41</sub>S R<sub>5</sub>E  <math>\frac{1}{2}</math> S 2   S 1  S11   S12  1958</p> <p>Deposit charcoal at base of post.</p> <p>Land, rolling desert.  Soil, rocky clay.  Timber, none; undergrowth, scant blackbrush, shadscale, mountain rush and grass.</p>
	N. 0° 01' W., bet. secs. 1 and 2.
	Over broken desert land, through scant undergrowth; asc. 180 ft. over S. slope.
15.60	Clay spur, projects S. 80° W.; asc. by triangulation 250 ft. along badly broken W. slope.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 1 and 2 falls on steep slope of sandstone ledge, where the cor. cannot be perpetuated.
	Asc. 300 ft. along ledgy W. slope.
56.06	Point selected for the witness $\frac{1}{2}$ sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	<p>T<sub>41</sub>S R<sub>5</sub>E  <math>\frac{1}{2}</math> S 2   S 1  1958</p> <p>Asc. 155 ft. over W. slope.</p>
86.00	Top of ascent, spur projects S. 20° E.; desc. 100 ft. along NE. slope.
91.16	The cor. of secs. 1 and 2 on the N. bdy. of the township.
	<p>Land, broken desert.  Soil, rocky clay.  Timber, none; undergrowth, scant shadscale, blackbrush, mountain rush, grass and weeds.</p>

Portion of the subdivision, T41 S., R. 5 E.

## Chains

From the cor. of secs. 15, 16, 21 and 22,  
N. 89° 58' W., bet. secs. 16 and 21.

Over broken land, by triangulation with topography scaled from U.S.G.S. topographic map, desc. 350 ft. along broken NW. slope.

20.50 Wash, drains SW.; asc. 140 ft. along SE. slope.

27.50 Point, projects S.; desc. 130 ft. over SW. slope.

33.00 Wash, drains S.; asc. 200 ft. over broken E. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R5E

$\frac{1}{4}$   $\frac{S16}{S21}$   
1958

Asc. 160 ft. over broken E. slope.

49.00 Spur, slopes SE.; desc. 60 ft. over SW. slope.

53.00 Gully, drains S.; asc. 400 ft. over steep SE. slope and ledges facing SE.

64.90 E. rim of point, bears NE. and SW.; thence over top of point.

71.80 W. rim of same point, bears NE. and SW.; desc. 310 ft. over steep and ledgy W. slope.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R5E

$\frac{S17|S16}{S20|S21}$   
1958

Land, broken.

Soil, sand and exposed sandstone.

Timber, none.

N. 0° 03' W., bet. secs. 16 and 17.

Over broken land, by triangulation with topography scaled from U.S.G.S. topographic map; asc. 80 ft. along ledgy W. slope.

9.00 Spur, slopes W.; desc. 80 ft. over NW. slope.

15.50 Gully, drains SW.; asc. 200 ft. over ledgy SE. slope.

24.70 Spur, slopes S. 80° W., a prominent rocky knob bears W., 2.50 chs. dist.; desc. 300 ft. over ledgy NW. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 17.

## Chains

ealed?)

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 15 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S R5E

S17 | S16

1958

Cor. falls on W. tip of small red spur about 80 ft. above wash.

Desc. 80 ft. over NW. slope.

46.00 Wash, drains SW.; asc. 500 ft. over ledgy SE. slope.

61.90 S. rim of mesa, bears SW. and NE.; asc. 10 ft. over rolling top of mesa.

67.20 Top of ascent on top of mesa; desc. 15 ft. along gentle W. slope of mesa.

78.90 N. rim of same mesa, bears NE. and SW.; desc. 20 ft. over low ledge facing NW.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, and in a mound of stone,  $2\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R5E

S 8 | S 9

S17 | S16

1958

Land, broken and rolling top of mesa.

Soil, sand and exposed sandstone.

Timber, none.

From the cor. of secs. 9, 10, 15 and 16.

N.  $89^{\circ} 58'$  W., bet. secs. 9 and 16.

Over broken land, by triangulation with topography estimated, asc. 80 ft. over E. slope.

2.60 Spur, slopes N.; asc. 140 ft. along broken N. slope.

15.50 Spur, slopes N.; asc. 120 ft. along ledgy NE. slope.

28.90 E. rim of mesa, bears SE. and NW.; asc. 10 ft. along gentle N. slope on top of mesa.

32.90 Top of rise; desc. 10 ft. over gentle W. slope.

38.90 Small drain, drains N.; asc. along N. slope.

40.01 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

T41S R5E

S 8 | S 9

S16

1958

Asc. 90 ft. along rolling N. slope.

Portion of the Subdivision, Tp. 41 S., R. 5 E.

Chains

50.70	Top of low rim; bears NE. and SW.; also top of ascent; desc. 50 ft. over rolling S. slope.
79.80	W. crest of mesa, bears NE. and SW.; desc. 10 ft. over low rim facing NW.
80.02	The cor. of secs. 8, 9, 16 and 17.
	Land, broken and rolling top of mesa. Soil, sand and exposed sandstone; Timber, none; undergrowth, heavy growth of blackbrush and bunch grass on mesa top.
	From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township. N. 0° 03' W., bet. secs. 32 and 33.
	Over broken land; desc. 70 ft. over NE. slope in Last Chance Canyon.
3.80	Base of steep ascent, bears NW. and S.; desc. 80 ft. over N. slope.
8.20	Wash in bottom of Last Chance Canyon, 3 ft. deep, 1 ch. wide, drains E.; asc. 90 ft. over S. slope.
25.80	Base of steep ascent, bears NW. and SE.; asc. 120 ft. over broken SW. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.  T41S R5E $\frac{1}{4}$ S32   S33 1958  Asc. 90 ft. along broken W. slope.
51.10	Spur, slopes W.; desc. 65 ft. over N. slope.
54.50	Gully, drains W.; asc. 170 ft. over broken S. slope.
60.40	Spur, slopes W.; desc. 120 ft. over broken N. slope.
64.60	Wash, 4 ft. deep, 50 lks. wide, drains W.; asc. 160 ft. over steep S. slope.
68.00	S. rim of broken bench, bears E. and NW.; asc. 20 ft. along broken W. slope.
80.00	Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.  T41S R5E S29   S28 S32   S33 1958  Land, broken and rolling bottom of Last Chance Canyon. Soil, sand and exposed sandstone. Timber, few cottonwood and tamarack in canyon bottom.

Portion of the Subdivision, T<sub>4</sub>S. 41 S., R. 5 E.

Chains		enladO
	From the cor. of secs. 5, 6, 31 and 32 on the Swedge, of the township.	
	N. 0° 03' W., bet. secs. 31 and 32.	
	Over broken land; desc. 320 ft. over broken N. slope.	08.87
18.50	Wash, drains NE.; asc. 160 ft. along broken E. slope.	20.08
37.20	Base of steep and ledgy ascent, bears E. and S.; asc. 500 ft. over ledges facing S. and steep S. slope to top of point.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32 falls on inaccessible ledges facing S., where cor. cannot be perpetuated.	
49.55	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 31 and 32.	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T41S R5E	
	S31 S32	
	W.C.	
	1958	
	Asc. over S. slope.	
49.70	Point projects SE.; desc. 500 ft. over ledgy NE. slope.	
71.00	Base of steep ascent, bears SE. and W.; desc. 70 ft. over N. slope of bench in Last Chance Canyon.	
80.00	Point for the cor. of secs. 29, 30, 31 and 32.	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T41S R5E	
	S30 S29	
	S31 S32	
	1958	
	Land, broken.	
	Soil, sand and exposed sandstone.	
	Timber, none.	
	From the cor. of secs. 28, 29, 32 and 33.	
	West, bet. secs. 29 and 32.	
	Over broken land; desc. W. slope of broken bench.	
0.15	W. crest of broken bench, bears N. and S.; desc. 170 ft. over broken SW. slope.	
18.30	Spur, slopes S.; desc. 80 ft. over W. slope.	
24.10	Base of steep ascent, bears N. and S.; desc. 15 ft. over S. slope in bottom of Last Chance Canyon.	
30.30	Wash in bottom of Last Chance Canyon, 2 ft. deep, 70 lks. wide, drains S. 80° E., 5 chs., thence S.; also used as road; asc. 30 ft. along N. slope.	

## Portion of the Subdivision, Tp. 41 S., R. 5 E.

Chains	
33.00	Point, projects N., 50 lks. to end; desc. 20 ft. along N. slope.
40.02	Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32.  Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, and in a mound of stone, 2 $\frac{1}{2}$ ft. base to top, with brass cap mkd.  T41S R5E $\frac{1}{4}$ $\frac{S29}{S32}$ 1958  Asc. 30 ft. along N. slope.
42.70	Spur, slopes N.; desc. 35 ft. along N. slope.
50.50	Base of steep ascent, 120 ft. over broken NE. slope.
58.30	Spur, slopes N.; asc. 115 ft. over broken NE. slope.
70.00	Low spur, slopes N.; asc. 65 ft. along N. slope.
80.04	The cor. of secs. 29, 30, 31 and 32.  Land, broken. Soil, sand, clay and exposed sandstone. Timber, few tamarack in canyon bottom.

## GENERAL DESCRIPTION

The land within this township is mountainous and rough, with elevations ranging from 4000 ft. above sea level in the canyon bottoms to 5600 ft. above sea level. There are two main drainages in the township. Rogers Canyon and it's tributaries drain the NE. half of the township and this canyon leaves N. of the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30 on the E. bdy. Last Chance Creek, entering the township N. of the cor. of secs. 13, 18, 19 and 24 on the W. bdy., and it's tributaries drain the SW. half of the township; this canyon leaves the township E. of the cor. of secs. 32 and 33 on the S. bdy.

There is a scattered growth of cottonwood and tamarack in the canyon bottoms, and a moderate growth of blackbrush, mountain rush, shadscale and grass throughout the township. The soil is sandy, varying from a few inches on the benches and mesas to several feet in the canyon bottoms. There are numerous exposed sandstone ridges throughout the township.

A bladed access road enters the township W. of the cor. of secs. 33 and 34 on the N. bdy. and runs generally SE., leaving the township N. of the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24 on the E. bdy. There were no other improvements. The land is used primarily for livestock grazing.

Access to the survey lines was provided by helicopters.

## FIELD ASSISTANTS

16-53565-2

# CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959

I have surveyed the east boundary and a portion of the subdivision of Township 41 South, Range 5 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 14, 1959

Salt Lake City, Utah

*Craig P. Sylvester*

Craig P. Sylvester, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_

\_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.





# CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959, I have surveyed a portion of the subdivision of Township 41 South, Range 5 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 14, 1959  
Salt Lake City, Utah

Fred R. Chappell  
Fred R. Chappell, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
 Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
*Cadastral Engineering Staff Officer.*

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
*Cadastral Engineering Staff Officer.*

# CERTIFICATE OF CADASTRAL ENGINEER

15

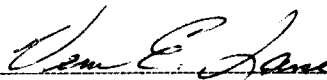
I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959,

I have ~~surveyed~~ supervised the survey of the east boundary and a portion of the subdivision of Township 41 South, Range 5 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 14, 1959

Salt Lake City, Utah



Vern E. Lane, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 9 1959, 19  

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of Township 41 South, Range 5 East, Salt Lake Meridian, Utah

executed by Craig P. Sylvester and Fred R. Chappell, under the supervision of Vern E. having been critically examined and found correct, are hereby approved.



Donald Clement  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in~~  
~~is a true copy of the original field notes.~~

~~Cadastral Engineering Staff Officer~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 41 SOUTH, RANGE 6 EAST

Of the SALT LAKE Meridian,

in the State of UTAH

EXECUTED BY

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Dell Cazier, Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided

for the surveys included under Group No. 408, approved November 8, 1956.

and assignment instructions dated May 7, 1958.

Survey commenced July 1, 1958.

Survey completed July 17, 1958.

# INDEX DIAGRAM

Township 41 South, Range 6 East

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	20				7
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\_\_\_\_\_ Dell Cazier

16-58770-1

2502

## Township 41 South, Range 6 East

## Chains

The north boundary of the township (Eighth Standard Parallel South) was surveyed concurrently and under Group 410 by Fred R. Chappell. The record thereof is included in the field notes of T. 40 S., R. 6 E.

The west boundary of the township was surveyed concurrently and under Group 408 by Craig P. Sylvester. The record thereof is included in the field notes of T. 41 S., R. 5 E.

The south boundary of the township was surveyed concurrently and under Group 408 by Dell Cazier. The record thereof is included in the field notes of T. 42 S., R. 6 E.

The following field notes are those of the survey of the east boundary and a portion of the subdivision of T. 41 S., R. 6 E. deemed sufficient to facilitate the development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transit No. 541326, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to beginning the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude  $37^{\circ} 11' 37.0''$  N. and longitude  $111^{\circ} 11' 58.0''$  W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ} 15'$  East.

## East Boundary, T. 41 S., R. 6 E.

Beginning at the cor. of Tps. 41 and 42 S., Rs. 6 and 7 E., an iron post,  $2\frac{1}{2}$  ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 42 S., R. 6 E.

North, bet. secs. 31 and 36.

Over rolling land.

East Boundary of T. 41 S., R. 6 E.

Chains	
8.20	Small wash, drains SE.
15.40	Wash, 30 lks. wide, 1 ft. deep, drains S. 10° E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T41S R6E R7E S36 S31 1958 Cont. over rolling land.
80.00	Point for the cor. of secs. 25, 30, 31 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., over across (X) cut in bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd. T41S R6E R7E S25 S30 S36 S31 1958 Land, rolling. Soil, sandy silt. Timber, none. Undergrowth, black brush and mountain rush.
	North, bet. secs. 25 and 30.
	Over rolling land.
.30	Small wash, drains E; asc. 120 ft. over S. sloping slickrock.
16.10	Top of steep ascent, thence over rolling land.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 30. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T41S R6E R7E S25 S30 1958 Cont. over rolling land.
53.70	Wash, 10 lks. wide, 1 ft. deep, drains SE.
58.90	Same wash, drains SW.
80.00	Point for the cor. of secs. 19, 24, 25 and 30. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

## East Boundary of T. 41 S. R. 6 E.

Chains		
41.30	<p> <b>T41S</b>  <b>R6E R7E</b>  <b>S24 S19</b>  <b>S25 S30</b>  <b>1958</b> </p>	
5.40	<p> <b>Land, rolling.</b>  <b>Soil, deep sandy silt.</b>  <b>Timber, none.</b>  <b>Undergrowth, black brush and mountain rush.</b> </p>	
18.30	<p> <b>North, bet. secs. 19 and 24.</b>  <b>Over rolling land.</b> </p>	
27.70	<p> <b>Wash, 10 lks. wide, 1 ft. deep, drains E.</b> </p>	
33.60	<p> <b>Wash, 10 lks. wide, 1 ft. deep, drains E.</b> </p>	
40.00	<p> <b>Wash, 10 lks. wide, 1 ft. deep, drains E.</b>  <b>Wash, 20 lks. wide, 1 ft. deep, drains E.</b>  <b>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 19 and 24.</b>  <b>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3<math>\frac{1}{2}</math> ft. base to top, with brass cap mkd.</b> </p>	
52.00	<p> <b>T41S</b>  <b>R6E R7E</b>  <math>\frac{1}{4}</math>  <b>S24 S19</b>  <b>1958</b> </p>	
56.10	<p> <b>Cont. over rolling land.</b> </p>	
75.80	<p> <b>Wash, 20 lks. wide, 1 ft. deep, drains E. 2.00 chs. to junction with larger wash draining SE.</b> </p>	
80.00	<p> <b>Wash, 40 lks. wide, 1 ft. deep, drains SE.</b>  <b>Small wash, drains SE.</b>  <b>Point for the cor. of secs. 13, 18, 19 and 24.</b>  <b>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 20 ins. in the ground to bedrock, in a dollar of stone, with brass cap mkd.</b> </p>	
	<p> <b>T41S</b>  <b>R6E R7E</b>  <b>S13 S18</b>  <b>S24 S19</b>  <b>1958</b> </p>	
	<p> <b>Land, rolling.</b>  <b>Soil, deep sandy silt.</b>  <b>Timber, none.</b>  <b>Undergrowth, black brush and mountain rush.</b> </p>	
	<p> <b>North, bet. secs. 13 and 18.</b>  <b>Over rolling land.</b> </p>	



Chains		andadO
	Asc. 160 ft. over slight SE. slope.	
34.10	Highest of several sand dunes; desc. 70 ft. over sandy N. slope.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 18.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.	
	T41S R6E R7E * S13 S18 1958	
	Deposit charcoal at base of post.	
	Desc. 10 ft. over sandy N. slope.	
41.10	Wash, 10 lks. wide, 1 ft. deep, drains E.; asc. 20 ft. over S. slope.	
43.00	Spur, sloping E.; desc. 30 ft. over N. slope.	
45.10	Wash, 20 lks. wide, 1 ft. deep, drains E.; asc. 30 ft. over S. slope.	
51.00	Thence asc, 120 ft. over rolling land with slight S. slope.	
80.00	Point for the cor. of secs. 7, 12, 13 and 18.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.	
	T41S R6E R7E S12 S 7 S13 S18 1958	
	Land, rolling.	
	Soil, deep sandy silt.	
	Timber, none.	
	Undergrowth, black brush and mountain rush.	
	North, bet. secs. 7 and 12.	
	Over rolling land.	
2.00	Narrow gorge, 50 lks. wide, 30 ft. deep, drains E.	
22.10	Wash, 20 lks. wide, 1 ft. deep, drains E.; asc. 50 ft. over rolling land with slight S. slope.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.	
	T41S R6E R7E * S12 S 7 1958	
	Deposit charcoal at base of post.	
	Desc. 10 ft. over N. slope.	

## East Boundary, T. 41 S., R. 6 E.

Chains	
41.20	Small wash, drains E.; asc. 20 ft. over S. slope.
42.50	Spur, slopes E., thence over series of spurs and washes putting generally SE.
80.00	True point for the cor. of secs. 1, 6, 7 and 12 falls on boulder 20 lks. diam. where the monument cannot be perpetuated.
	Land, rolling.
	Soil, sandy silt.
	Timber, none.
	Undergrowth, black brush and mountain rush.
	North, bet. secs. 1 and 6.
	Over boulder strewn S. slope.
10	Point selected for the witness cor. of secs. 1, 6, 7 and 12
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T41S R6E R7E S1 S6 S 7 S12 W 8 1958
	By triangulation, asc. 420 ft. over S. facing ledge.
10.10	End of triangulation on rim, bears irregularly E. and W.; asc. 90 ft. over ledgy SE. slope.
20.35	Thence over rolling land.
33.50	Begin ascent over boulder strewn S. slope; asc. 120 ft.
40.00	True point for the ¼ sec. cor. of secs. 1 and 6 falls on boulder 20 lks. diam. where the monument cannot be perpetuated.
40.05	Point selected for the witness ¼ sec. cor. of secs. 1 and 6.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R6E R7E S1 S6 W C 1958
	Desc. 200 ft. over N. slope.
61.00	Wash, 10 lks. wide, 1 ft. deep, drains W.; asc. 100 ft. over steep S. slope.
65.50	Top of steep ascent, thence over nearly level land.
70.00	Wash near head, drains W.; asc. 60 ft. over steep S. slope.
73.40	Top of steep ascent, thence along broken W. facing rim.
83.40	Begin descent over steep N. slope; desc. 40 ft.

## East Boundary, T. 42 S., R. 6 E.

Chains	
85.30	Wash, 10 lks. wide, 1 ft. deep, drains W.; asc. 140 ft. over ledgy S. slope.
89.20	Thence over nearly level land.
91.61	Intersect the Eighth Standard Parallel South, at the point for the closing cor. of Tps. 41 S., Rs. 6 and 7 E.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T40S R6E S36 S1 S6 R6E R7E T41S CC 1958
	From this closing cor. the true point for the standard cor. of Tps. 40 S., Rs. 6 and 7 E. bears E. 8.54° chs. dist. and is witnessed East 0.60 chs. dist. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of the Eighth Standard Parallel South through R. 7 E.
	Land, rolling and broken. Soil, sandy silt. Timber, thinly scattered juniper and pinon. Undergrowth, black brush and mountain rush.
Portion of the Subdivision, T. 41 S., R. 6 E.	
	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy., mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 42 S., R. 6 E.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over broken land, through thinly scattered juniper and pinon; asc. 80 ft. along E. slope on W. side of wash draining S.
9.00	Spur, slopes E.; by triangulation, desc. about 70 ft. over steep N. slope.
20.00	Wash, 20 lks. wide, 1 ft. deep, drains SE.; asc. about 80 ft. over ledgy SW. slope.
33.00	Broken rim, bears irregularly NW. and SE.; end of triangulation, thence over rolling land.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R6E S36 S33 S36 1958
	Cont. over rolling land.
72.75	Begin descent over ledgy N. slope; desc. 30 ft.
76.45	Wash, 10 lks. wide, 1 ft. deep, drains W.; asc. 50 ft. over ledgy S. slope.

Portion of the subdivision, T41S., R. 6 E.

Chains

55.00

Point for the cor. of Secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S. R6E

S26/S25

S35/S36

1958

Land, broken and rolling.

Soil, rocky sandy silt.

Timber, thinly scattered juniper and pinon.

Undergrowth, black brush, greasewood and mountain rush.

From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., an iron post, 2½ ins. diam., previously described.

S. 89° 58' W., bet. secs. 25 and 36.

Over rolling land; asc. 90 ft. over E. sloping slickrock.

6.30

Top of steep ascent; thence asc. 120 ft. over rolling land with general E. slope.

28.20

Small wash, drains SE.

40.01

Point for the ¼ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S. R6E

¼ S25

¼ S36

1958

40.15

Wash, 10 lks. wide, 1 ft. deep, drains SE.

41.00

Thence by triangulation; asc. about 400 ft. over E. sloping talus.

60.00

Base of ledge, bears irregularly N. and S.; asc. about 1,000 ft.

73.10

Rim, bears irregularly N. and S.; end of triangulation; thence desc. 10 ft. over W. slope through thinly scattered juniper and pinon.

80.02

The cor. of secs. 25, 26, 35 and 36 previously described.

Land, broken and rolling.

Soil, sandy silt.

Timber, thinly scattered juniper and pinon on the W. 10 chs., none on the rest of the mile.

Undergrowth, black brush and mountain rush.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy., mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 42 S., R. 6 E.

N. 0° 02' W., bet. secs. 33 and 34.

Over rolling land, through thinly scattered juniper.

## Portion of the Subdivision, T. 42 S., R. 6 E.

Chains		marked?
	Asc. 70 ft. over SE. slope.	00.08
12.00	Top of ascent, thence over rolling land.	
30.90	Land becomes broken; desc. 40 ft. over N. slope.	
35.60	Small wash, drains W.; asc. 40 ft. over N. slope.	
37.80	Point of spur, projects from E.; desc. 20 ft. over steep N. slope.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.	
	T41S R6E * S33 S34 1958	
40.10	Small wash, drains NW.; asc. 10 ft. over SW. slope.	
41.80	Spur, projects W. 50 lks. to abrupt end; desc. 80 ft. over ledgy NE. slope.	
47.80	Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 110 ft. over ledgy S. slope.	
53.30	Top of ascent, thence over nearly level land.	
64.40	Desc. 70 ft. over ledgy N. slope.	
70.20	Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 30 ft. over ledgy S. slope.	
80.00	Broken point of spur projecting from E. Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T41S R6E S28 S27 S33 S34 1958	
	Land, rolling and broken. Soil, boulder strewn sandy silt. Timber, thinly scattered juniper. Undergrowth, black brush and mountain rush.	
	N. $0^{\circ} 02'$ W., bet. secs. 27 and 28.	
	Over broken land, through thinly scattered juniper; desc. 20 ft. over N. slope.	
.95	Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 50 ft. over steep S. slope.	
3.50	Spur, projects W.; desc. 70 ft. over ledgy N. slope.	
6.50	Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 120 ft. over ledgy S. slope.	

Portion of the Subdivision, T. 41 S., R. 6 E.

Chains	
15.80	Spur, slopes W.; desc. 70 ft. over N. slope.
21.85	Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 40 ft. over S. slope.
30.05	Top of ascent; thence desc. 180 ft. over ledgy N. slope.
36.60	Wash, 40 lks. wide, 2 ft. deep, drains W.; asc. 20 ft. over ledgy S. slope.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T41S R6E S28 S27 1958 Asc. 50 ft. over ledgy S. slope.
41.70	Top of steep ascent, thence over rolling land.
49.90	Begin steep descent; desc. 100 ft. over ledgy N. slope.
55.85	Base of steep descent; thence over rolling land.
60.00	Wash, 20 lks. wide, 2 ft. deep, drains W.
66.10	Main access road in area, bears E. and W.
68.00	Begin ascent of ledgy S. slope; asc. 140 ft.
77.00	Spur, slopes W.; desc. 60 ft. over steep W. slope.
80.00	Point for the cor. of secs. 21, 22, 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T41S R6E S21 S22 S28 S27 1958 Land, broken. Soil, rocky sandy silt. Timber, thinly scattered juniper. Undergrowth, silver leaf, greasewood and mountain rush.
	N. Q. 02! W.; bet. secs. 21 and 22. Over broken land, through thinly scattered juniper. Desc. 130 ft. over ledgy N. slope.
5.80	Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 330 ft. over ledgy S. slope.
23.70	Spur, slopes W.; there are several large conglomerate boulders on the crest of the spur; desc. 120 ft. over steep N. slope.
28.15	Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 70 ft. over ledgy S. slope.

Portion of the Subdivision, T. 41 S., R. 6 E.

Chains		and
33.45	Spur, slopes W.; desc. 50 ft. over N. slope.	08.21
36.90	Draw, drains W.; asc. 30 ft. over S. slope.	28.15
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22.	20.00
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.	
	T41S R6E S21 S22 1958	
40.50	Spur, slopes W.; desc. 20 ft. over N. slope.	
42.60	Draw, drains W.; asc. 30 ft. over S. slope.	
46.10	Spur, slopes W.; thence by triangulation over series of spurs and washes putting W.	
73.40	End of triangulation on spur sloping W.; desc. 30 ft. over N. slope.	
76.70	Wash, 10 lks. wide, 1 ft. deep, drains W.; asc. 10 ft. over S. slope.	
80.00	Point for the cor. of secs. 15, 16, 21 and 22.	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T41S R6E S16 S15 S21 S22 1958	
	Land, broken. Soil, sandy silt with exposed sandstone. Timber, thinly scattered juniper. Undergrowth, black brush and mountain rush.	
	N. 0° 02' W., bet. secs. 15 and 16.	
	Over broken land, through scattered juniper; asc. 100 ft. over steep S. slope.	
12.30	Top of ascent; desc. 20 ft. over N. slope.	
17.30	Canyon rim, bears irregularly E. and W.; by triangulation desc. about 300 ft. over ledgy N. slope.	
22.50	Wash in bottom of canyon, 20 lks. wide, 2 ft. deep, drains W.; asc. about 300 ft. over ledgy S. slope.	
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16 falls on S. facing ledge where it is impractical to set the monument.	
44.00	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 15 and 16.	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.	

Portion of the Subdivision, T. 41 S., R. 6 E.

Chains	
	<p>           T41S R6E            S16 S15            W C.            1958         </p> <p>Desc. about 600 ft. over N. facing ledges.</p>
65.00	Thence over rolling land.
73.40	End of triangulation on spur sloping NW.; desc. 20 ft. over sandy N. slope.
75.70	Small wash, drains NW.; asc. 30 ft. over steep SW. slope.
78.45	W. end of spur projecting from E.; desc. 50 ft. over N. sloping slick rock.
79.80	Base of steep descent; thence over nearly level stream valley.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.
	<p>           T41S R6E            S 9 S10            S16 S15            1958         </p>
	Land, rolling and broken.
	Soil, sandy silt.
	Timber, thinly scattered juniper.
	Undergrowth, black brush and mountain rush.
	N. 0° 02' W., bet. secs. 9 and 10.
	Over nearly level stream valley.
.60	Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 50 ft. over steep S. slope.
2.60	Spur, slopes W.; desc. 50 ft. over steep N. slope.
7.50	Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 80 ft. over steep S. slope.
13.60	Top of steep ascent; thence asc. 60 ft. over rolling land, with slight S. slope.
40.00	Point for the ¼ sec. cor. of secs. 9 and 10;
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	<p>           T41S R6E            S 9 S10            1958         </p>
	Deposit charcoal at base of post.
	Over rolling land.
73.45	Begin steep ascent; asc. 100 ft. over boulder strewn S. sloping talus.



## Portion of the Subdivision, T. 41 S., R. 6 E.

Chains		Station
80.00	Point for the cor. of sheet 3, 4, 9 and 10.  Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.  T41S R6E S4 S3 S 9 S10 1958	
	Land, rolling and broken. Soil, deep sandy silt. Timber, none. Undergrowth, black brush and mountain rush.	
	N. 0° 02' W., bet. secs. 3 and 4. Over steep talus slope; by triangulation, asc. 270 ft. over S. sloping talus.	
6.00	Base of ledge, bears irregularly E. and W.; asc. about 400 ft.	
12.40	End of triangulation on rim, bears irregularly E. and W.; thence asc. 100 ft. over S. slope.	
31.40	Begin descent over steep NE. slope; desc. 160 ft.	
40.00	Point for the ¼ sec. cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.  T41S R6E S4 S3 1958	
	By triangulation, desc. about 150 ft. over ledgy NE. slope.	
50.30	Wash, 20 lks. wide, 2 ft. deep, drains SE.; asc. about 300 ft. along ledgy SW. slope.	
72.00	End of triangulation on broken rim, bears irregularly NW. and SE.; asc. 30 ft. over boulder strewn SW. slope.	
75.20	Top of ascent; thence desc. 30 ft. over N. slope.	
77.20	Wash, 10 lks. wide, 1 ft. deep, drains SW.; asc. 160 ft. over steep S. slope.	
88.45	Boulder strewn spur sloping E.; desc. 80 ft. over steep N. slope.	
91.32	Intersect the Eighth Standard Parallel South at the point for the closing cor. of secs. 3 and 4.  Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.  T40S R6E S33 S4 S3 T41S R6E C C 1958	

Portion of the Subdivision, T. 41 S., R. 6 E.

Chains.

From the point of intersection of the standard cor. of secs. 33 and 34, T. 40 S., R. 6 E., bears East 8.79 chs. dist. and is monumented by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the concurrent survey of the Eighth Standard Parallel South, R. 6 E.

Land, broken.

Soil, sandy silt.

Timber, thinly scattered juniper.

Undergrowth, black brush and mountain rush.

The point for the cor. of secs. 2 and 3 on the N. bdy. of the Tp. is on the Eighth Standard Parallel South and at proportionate dist. bet. the NE. cor. of the Tp. and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 2½ ft. base to top, with brass cap mkd.

T40S R6E

S34

S3|S2

T41S R6E

1958

From this cor. the standard cor. of secs. 34 and 35, an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of the Eighth Standard Parallel South, R. 6 E., bears East 8.71 chs. dist.

The true point for the ¼ sec. cor. of sec. 2 is on the Eighth Standard Parallel South, and at midpoint on the N. bdy. of sec. 2, and falls on inaccessible ledge facing W. where the cor. cannot be perpetuated.

From the true point for the ¼ sec. cor. of sec. 2 the point selected for the witness ¼ sec. cor. of sec. 2 bears E. 80 lks. dist.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

W

C ¼ S2

T41S R6E

1958

From the true point for the ¼ sec. cor. of sec. 2, the true point for the standard ¼ sec. cor. of sec. 35, T. 40 S., R. 6 E. bears East 8.67 chs. dist; from which its witness cor. bears West 7.80 chs. dist., an iron post, 2½ ins. diam., conforming to the record.

The point for the cor. of secs. 1 and 2 is on the Eighth Standard Parallel South and at proportionate dist. bet. the NE. cor. of the Tp. and the closing cor. of secs. 3 and 4, and falls on a steep W. clay slope where the monument cannot be perpetuated.

From the true point, the point selected for the witness cor. of secs. 1 and 2, bears E. 30 lks. dist.

## Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T40S R6E

W S35

C S2/S1

T41S R6E

1958

From the true point for the cor. of secs. 1 and 2, the standard cor. of secs. 35 and 36, an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of the Eighth Standard-Parallel South, R. 6 E., bears East, 8.62 chs. dis.

From the true point for the cor. of secs. 1 and 2, on the N. bdy. of Tp.

S. 0° 01' E., bet. secs. 1 and 2.

Over broken land; desc. 200 ft. over steep S. slope.

9.70 Thence over nearly level stream valley.

12.40 Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 110 ft. over steep N. slope.

16.40 Slope changes to W.; asc. 50 ft.

22.00 Spur, slopes W.; desc. 60 ft. over ledgy S. slope.

24.05 Draw, drains W.; asc. 70 ft. over steep N. slope.

26.85 Spur, slopes W.; desc. 40 ft. along W. slope.

32.35 Wash, 10 lks. wide, 1 ft. deep, drains NW.; asc. 150 ft. over steep N. slope.

41.25 Spur, slopes W.; desc. 220 ft. over steep S. slope.

51.40 Small wash, drains SW.

51.51 Point for the ¼ sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R6E

S2/S1

1958

Over rolling land.

79.70 Begin descent; desc. 150 ft. over steep S. slope.

83.80 Wash, 30 lks. wide, 2 ft. deep, drains W.; asc. 200 ft. over N. sloping slick rock.

88.65 Ridge, bears E. and W.; desc. 50 ft. over S. sloping slick rock.

90.70 Point selected for the witness cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in bedrock and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

.S. 6. E. Section of the Subdivision, T. 41 S., R. 6 E.

Chains	
	<p>T41S R6E S2 S1 S11 S12 W C 1958</p>
91.51	<p>Desc. 20 ft. over steep S. sloping slickrock. True point for the cor. of secs. 1, 2, 11 and 12 falls in wash, 20 lks. wide, 2 ft. deep, which has ledges 20 ft. high on both sides; the monument cannot be perpetuated in this position. Land, N. <math>\frac{1}{4}</math> broken, S. <math>\frac{1}{4}</math> rolling. Soil, sandy silt with exposed sandstone. Timber, none. Undergrowth, black brush and mountain rush.</p>
1.50	<p>From the true point for the cor. of secs. 1, 2, 11 and 12. N. 89° 56' W., bet. secs. 2 and 11. Over broken land; asc. 30 ft. along steep S. slope. Spur, sloping S.; desc. 110 ft. along steep S. slope.</p>
11.95	Wash, 20 lks. wide, 2 ft. deep, drains NW.; asc. 100 ft. along steep NE. slope.
19.85	Spur, slopes S. 80° W.; desc. 80 ft. along N. slope.
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 2 and 11. Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 22 ins. in the ground, with brass cap mkd. T41S R6E <math>\frac{1}{4}</math> S 2 S11 1958</p>
	<p>Deposit a sandstone, 8x6x4 ins., mkd. with a cross (X) at base of post. Desc. 90 ft. along N. slope.</p>
46.00	Same wash as above, drains SW.; asc. 100 ft. over steep SE. slope.
62.45	Top of ascent on spur sloping S. from rim of wash; desc. 150 ft. along steep S. slope.
72.15	Wash, 20 lks. wide, 2 ft. deep, drains SW.; asc. 150 ft. over steep SE. slope.
80.00	<p>Point for the cor. of secs. 2, 3, 10 and 11. Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3<math>\frac{1}{2}</math> ft. base to top, with brass cap mkd. T41S R6E S3 S2 S10 S11 1958</p>
	<p>Land, broken. Soil, sandy silt, with exposed sandstone. Timber, none. Undergrowth, black brush and mountain rush.</p>

Portion of the Subdivision, T. 41 S., R. 6 E.

Chains	
	N. 0° 08' W., bet. secs. 2 and 3. Over, nearly level land.
3.80	Begin descent over series of spurs and washes; desc. 120 ft.
27.40	Main wash in the area, 20 lks. wide, 2 ft. deep, drains SW., thence along meanderings of wash.
32.60	Same wash, drains E.
34.20	Same wash, drains W.; asc. 170 ft. over steep S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.  T41S R6E S3 S2 1958  over rolling land; asc. 170 ft. over slight SE. slope.
85.20	Top of ascent on E. side of small knoll; desc. 10 ft. over NE. slope.
91.48	The cor. of secs. 2 and 3, previously described. Land, rolling. Soil, sandy silt. Timber, none. Undergrowth, black brush and mountain rush.
<hr/>	
	From the cor. of secs. 15, 16, 21 and 22. West, bet. secs. 16 and 21. Over rolling land, through scattered juniper; desc. 270 ft. over SW. slope.
30.25	Wash, 10 lks. wide, 1 ft. deep, drains S.; asc. 30 ft. over E. slope.
35.50	Spur, slopes S.; desc. 40 ft. over W. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.  T41S R6E $\frac{1}{4}$ S16 S21 1958  Thence along broken rim of canyon draining W.
50.40	Spur, slopes W. from N.; desc. 210 ft. over boulder strewn W. slope.
68.80	E. rim of Little Valley Canyon; by triangulation desc. about 250 ft. over W. facing ledge.

Portion of the Subdivision, T. 40 S., R. 6 E.

Chains	
12.00	Thence over nearly level stream valley:
79.00	Wash in bottom of Little Valley Canyon, 1.00 ch. wide, 2 ft. deep, drains S.; asc. about 200 ft. over E. facing ledge.
80.00	True point for the cor. of secs. 16, 17, 20 and 21 falls on ledge facing E. where cor. cannot be perpetuated.
	Asc. about 50 ft. over E. facing ledge.
82.85	Point selected for the witness cor. of secs. 16, 17, 20 and 21.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T41S R6E S17 S16 W S20 S21 C 1958
	Land, rolling and broken. Soil, rocky sandy silt. Timber, thinly scattered juniper. Undergrowth, black brush and mountain rush.
	From the true point for the cor. of secs. 16, 17, 20 and 21.
	N. $0^{\circ} 03'$ W., bet. secs. 16 and 17.
	Over broken land, through thinly scattered juniper; asc. 100 ft. along ledgy E. slope.
6.60	W. rim of Little Valley Canyon, bears N. $10^{\circ}$ E. and S. $10^{\circ}$ W.; asc. 80 ft. over SE. slope.
25.60	Spur, slopes SE.; desc. 20 ft. over NE. slope.
33.50	Wash, 10 lks. wide, 1 ft. deep, drains SE.; asc. 30 ft. over SW. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T41S R6E S17 S16 1958
	Asc. 120 ft. along ledgy SW. slope.
43.50	Broken rim, curves SW. from SE.; asc. 70 ft. over slight SE. slope; this bench is strewn with large amounts of petrified trees.
47.25	Small wash, drains SE.
66.60	Base of clay slope, bears E. and W.; asc. 90 ft.
71.30	Top of ascent, thence over boulder strewn bench.
74.90	Small wash, drains E.; asc. 70 ft. over boulder strewn S. slope.
80.00	True point for the cor. of secs. 8, 9, 16 and 17 falls on boulder 20 lks. diam. where it is impractical to set the monument.

Chains		anted
	Thence East 10 lks. point selected for the witness cor. of sec. 9, 16 and 17.	00.00
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground to bedrock, in a mound of stone, 3 1/2 ft. base to top, with brass cap	00.08
	T41S R6E S 89 56 C 317 S16 1958	
	Land, rolling and broken, soil, rocky sandy silt. Timber, thinly scattered juniper. Undergrowth, black brush and mountain rush.	
	From the cor. of secs. 9, 10, 15 and 16, previously described.	
	S. 89° 56' W., bet. secs. 9 and 16.	
	Over nearly level stream valley.	
11.50	Wash in bottom of Little Valley Canyon, 20 lks. wide, 2 ft. deep, drains SW., thence along S. slope.	
6.20	Wash, 20 lks. wide, 2 ft. deep, drains S.; asc. 100 ft. to junction with first wash.	
15.00	Wash, 10 lks. wide, 1 ft. deep, drains S.; asc. 70 ft. over steep E. slope.	
23.10	Sandy spur, slopes S.; desc. 70 ft. over W. slope.	
35.00	Sandstone spur, slopes S.; desc. 50 ft. over W. slope.	
37.00	Small wash, drains S.; asc. 30 ft. over sandy E. slope.	
40.02	Point for the sec. cor. of secs. 9 and 16.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap.	00.07
	T41S R6E S 89 56 C 317 S16 1958	
	Deposit charcoal at base of post.	
	By triangulation, asc. about 100 ft. over sandy E. slope.	
50.00	Base of ledge, bears irregularly N. and S.; asc. about 500 ft.	
52.30	End of triangulation on rim, bears irregularly N. and S.; desc. 50 ft. over W. slope.	
57.65	Wash, 10 lks. wide, 1 ft. deep, drains S.; asc. 90 ft. over ledge E. slope.	
61.55	Broken rim, bears N. and S.; desc. 100 ft. over W. slope.	
74.45	Wash, 20 lks. wide, 1 ft. deep, drains S.; asc. 90 ft. over steep E. slope.	
79.95	The witness cor. of secs. 9, 16 and 17, previously described.	

Portion of the Subdivision, T. 41 S., R. 6 E.

Chains

80.05 True point for the cor. of secs. 8, 9, 16 and 17.

Land, rolling and broken.

Soil, rocky sandy silt.

Timber, none on E. 60 chs., thinly scattered juniper on W. 20 chs.

Undergrowth, black brush and mountain rush.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy., an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 42 S., R. 6 E.

N. 0° 03' W., bet. secs. 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S R6E

S32|S33

1958

Cont. over rolling land.

79.70 Wash, 60 lks. wide, 2 ft. deep, drains W.

80.00 True point for the cor. of secs. 28, 29, 32 and 33 falls in above wash where the monument cannot be perpetuated.

80.15 Point selected for the witness cor. of secs. 28, 29, 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

T41S R6E

S29|S28

S32|S33

W C

1958

Land, rolling.

Soil, sandy silt.

Timber, none.

Undergrowth, black brush and mountain rush.

From the true point for the cor. of secs. 5, 6, 31 and 32, on the S. bdy.; from which its witness cor. bears West 1.30 chs. dist. and is mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 42 S., R. 6 E.

N. 0° 03' W., bet. secs. 31 and 32.

Over broken canyon rim; by traverse, topography is approximately as scale from U. S. G. S. topographic maps; asc. about 360 ft. over S. facing ledge.

14.00 Spur, projects W. approximately 2.00 chs. to abrupt end; desc. about 450 ft. over N. facing ledge.

18.00 Thence over nearly level stream valley.

28.00 Wash in bottom of Little Valley Canyon, 1.50 chs. wide, 2 ft. deep, drains W.



## Portion of the Subdivision, T41 S., R. 6 E.

Chains	
32.00	Base of ledge, bears E. and W.; asc. about 320 ft. over ledge.
36.00	Spur, projects E. approximately 400 chs. to abrupt end; desc. about 320 ft. over N. facing ledge.
39.00	Thence over nearly level stream valley.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.  T41S R6E S31 S32 1958
43.00	Wash in bottom of Little Valley Canyon, 1.50 chs. wide, 2 ft. deep, drains SE.
58.00	Wash, 20 lks. wide, 1 ft. deep, drains SW. approximately 3.00 chs. to junction with wash in bottom of Little Valley Canyon.
60.00	Leave stream; asc. about 320 ft. along ledgy W. slope.
80.00	True point for the cor. of secs. 29, 30, 31 and 32 falls on steep W. sloping slickrock where the monument cannot be perpetuated.  Thence West, 0.92 chs. dist.  Point selected for the witness cor. of secs. 29, 30, 31 and 32.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.  T41S R6E S30 S29 W S31 S32 C 1958  Land, broken canyon rim. Soil, sandy silt. Timber, none. Undergrowth, black brush and mountain rush.
5.00	From the true point for the cor. of secs. 28, 29, 32 and 33, from which its witness cor. bears N. $0^{\circ}03'$ W., 13 lks. dist, previously described.  N. $89^{\circ}59'$ W., bet. secs. 29 and 32, along wash bottom.
14.00	Leave wash bottom which drains SW. at this point; asc. 20 ft. over E. slope.
18.70	Thence over rolling land.
40.04	Wash, 10 lks. wide, 2 ft. deep, drains S. $80^{\circ}$ W.  Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.  T41S R6E

Portion of the Subdivision, T. 41 S., R. 6 E.

Chains	
53.10	<b>Rim of cove, curves W. from SW<math>\frac{1}{2}</math>; desc. 70 ft. over ledgy W. slope.</b>
59.30	<b>Wash, 20 lks. wide, 2 ft. deep, drains S. 80° W.; asc. 90 ft. along ledgy S. slope.</b>
69.50	<b>Top of ascent; thence over nearly level land.</b>
75.20	<b>E. rim of Little Valley Canyon, bears irregularly SW. and NE.; desc. 130 ft. over ledgy W. slope.</b>
77.80	<b>Trail, bears N. and S.; desc. 150 ft. over ledgy W. slope.</b>
80.08	<b>True point for the cor. of secs. 29, 30, 31 and 32, from which its witness cor. bears N. 89° 59' W., 92 lks. dist., previously described.</b>
	Land, rolling and broken. Soil, sandy silt. Timber, none. Undergrowth, black brush and mountain rush.

General Description

The land of T. 41 S., R. 6 E. is plateau and canyon land. The elevation ranges from 4,000 feet above sea level to 5,000 feet. There are only a few small remnants of the once extensive plateau remaining. The east tier of sections lies on the rolling land formed by Rock Creek. There are many erosional scarps throughout the township. The largest is that forming the east rim of Grand Bench. The scarp, which enters the township in the northeast portion and bears south and southeast to leave the township near the southeast corner, is approximately 1,000 feet higher than the land lying to the east.

The soil, which is sandy and poorly developed, varies in depth from exposed parent material to several feet deep.

There is a scattered growth of scrub juniper growing on the mesa tops and along the drainage. The undergrowth consists of black brush and mountain rush.

The drainage system consists of four large canyons and their tributaries, all draining south and southwest to the Colorado River. Rock Creek, which roughly parallels the east boundary, draining south, drains the east tier of sections. Little Valley Canyon enters the township at the north boundary near the northeast corner of section 3, draining south and southwest to leave the township at the south boundary near the southwest corner of section 32. Croton Canyon enters the township at the west boundary near the  $\frac{1}{2}$  section corner of sections 25 and 30, draining southeast to a junction with Little Valley Canyon near the northwest corner of section 32. There is a large unnamed canyon heading in the vicinity of the northwest corner of section 25 and draining southwest to leave the township near the southwest corner of section 35. Croton and Little Valley Canyons are rimmed with ledges averaging 500 feet above their beds throughout a major portion of their length.

Township 41 South, Range 9 East

Chains

The only water noted during this survey was a small seep along the west boundary of section 32 in the bottom of Little Valley Canyon. The water is strongly alkaline and unfit for human consumption. There may be other seeps in some of the other canyons, but they would probably be alkaline also.

There has in the last few years been some exploration for oil and fissionable minerals in the township, but as yet there are no producing mines or wells. In connection with the exploration there has been constructed a bulldozed road, which enters the township at the west boundary near the northwest corner of section 19 and bears east approximately 5 miles, thence swings south to leave the township at the south boundary near the southwest corner of section 35. The only productivity in the township at the present time is in the grazing of cattle, the number of which is necessarily very limited because of the sparse vegetation.

Access to the survey lines was provided by helicopter.



# CERTIFICATE OF CADASTRAL ENGINEER

I, Dell Gazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959

I have surveyed the east boundary and a portion of the subdivision of T. 41 S., R. 6 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

May 25, 1959

Dell Gazier  
Dell Gazier  
Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 41 S. R. 6 E., SLM, Utah, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

# CERTIFICATE OF CADASTRAL ENGINEER

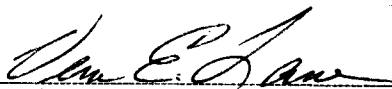
I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959

I have ~~examined~~ supervised the survey of the ~~east boundary and a portion of the~~ subdivision of T. 41 S., R. 6 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed under my supervision ~~by a competent Cadastral Engineer~~; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

May 25, 1959



Vern E. Lane

Cadastral Surveyor (Chief of Party)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 9 1959, 1959

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of T. 41 S., R. 6 E., Salt Lake Meridian, Utah

executed by Dell Cazier, Cadastral Surveyor, under the supervision of Vern E. Lane, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.



Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 41 S. R. 6 E., SIM, Utah, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY

OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 41 SOUTH, RANGE 7 EAST

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Lacel E. Bland - Cartographic Survey Aid

Under special instructions dated August 27, 1956, which provided

for the surveys included under Group No. 408, approved November 8, 1956

and assignment instructions dated May 7, 1958

Survey commenced August 18, 1958

Survey completed September 26, 1958

# INDEX DIAGRAM

Township 41 South, Range 7 East

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2503



## Township 41 South, Range 7 East

## Chains

The north boundary (Eighth Standard Parallel South) was surveyed concurrently and under Group 410 by Fred R. Chappell. The notes thereof are included in the field notes of Tp. 40 S., R. 7 E. The south boundary was surveyed concurrently and under Group 408 by Dell Cazier. The notes thereof are included in the field notes of Tp. 42 S., R. 7 E. The west boundary was surveyed concurrently and under Group 408 by Dell Cazier. The notes thereof are included in the field notes of Tp. 41 S., R. 6 E.

The following field notes are those of the survey of the east boundary and a portion of the subdivision of Tp. 41 S., R. 7 E., deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections that are normally considered State school sections.

The survey was executed with a W. & L. E. Gurley solar transit, serial No. 541326, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous latitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude  $37^{\circ} 11' 37.0''$  N. and longitude  $111^{\circ} 05' 26.8''$  W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ} 15' E.$

## East Boundary of Tp. 41 S., R. 7 E.

Chains

Beginning at the true point for the cor. of Tps. 41 and 42 S., Rs. 7 and 8 E., which is witnessed S., 8.25 chs. dist., by an iron post, 1 in. diam., conforming to the field notes of Tp. 42 S., R. 7 E., surveyed concurrently under this same group.

North, bet. secs. 31 and 36.

Asc. 300 ft. over steep slopes and broken ledges facing SE

24.80 E. rim of bench, bears N. 20° E. and S. 20° W.; asc. 30 ft. over SE slope, through scattered juniper.

31.40 Spur, sloping E.; desc. 120 ft. over NE slope.

36.60 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S  
R7E R8E  
W C

$\frac{1}{4}$   
S36 S31  
1958

By triangulation desc. about 120 ft. over NE slope.

40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36 falls on inaccessible NE slope; desc. 160 ft.

50.00 Base of descent; wash, 20 lks. wide, 3 ft. deep, drains S. 80° E.; asc. about 280 ft. over SE slope.

66.70 End of triangulation; asc. 160 ft. over steep SE slope.

80.00 Point for the cor. of secs. 25, 30, 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S  
R7E R8E  
S25 S30  
S36 S31  
1958

Land, broken with boulders.  
Soil, rocky and sandy clay silt.  
Timber, scattered juniper.  
Undergrowth, blackbrush, mountain rush and silverleaf.

North, bet. secs. 25 and 30.

Over rolling land and steep slopes, through scattered juniper.

18.50 Wash, 20 lks. wide, 4 ft. deep, drains S. 30° E.; asc. 230 ft. over SE slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

East Boundary of Twp. 41 S., R. 7 E.

Chains	
40.00	<p>Asc. 110 ft. over SE. slope, through medium dense juniper.</p> <p>Top of ascent; spur slopes SE.; desc. 20 ft. over E. slope.</p> <p>Point for the cor. of secs. 19, 24, 25 and 30.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: right;">T41S R7E R8E S25 S30 1958</p>
69.40	
80.00	<p>Land, rolling.</p> <p>Soil, sandy clay silt and rocky.</p> <p>Timber, juniper, scattered to medium dense.</p> <p>Undergrowth, sagebrush, silverleaf, blackbrush and mountain rush.</p> <p style="text-align: right;">T41S R7E R8E S19 S24 S30 S25 1958</p>
9.00	<p>North, bet. secs. 19 and 24.</p> <p>By triangulation, over rolling E. slope, through scattered juniper; desc. about 80 ft.</p>
20.60	<p>Wash, 30 lks. wide, 4 ft. deep, drains SE.; asc. about 880 ft. over S. sloping talus and broken ledges.</p>
40.00	<p>End of triangulation, S. rim of Fifty Mile Mountain, bears NE. and NW.; continue along top of E. slope of canyon.</p> <p>Point for the ¼ sec. cor. of secs. 19 and 24.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: right;">T41S R7E R8E S24 S19 1958</p>
	<p>Continue by triangulation along broken E. slope, through medium dense juniper and pinon.</p>
80.00	<p>Point for the cor. of secs. 13, 18, 19 and 24.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: right;">T41S R7E R8E S13 S18 S24 S19 1958</p>

## East Boundary of Tp. 44 S., R. 7 E.

Chains		Notes
		Land, rolling, steep slopes and broken ledges. Soil, rocky clay and sandy silt. Timber, juniper and pinon, scattered to medium dense. Undergrowth, mountain rush, blackbrush, silverleaf and sarvis berry.
		North, bet. secs. 13 and 18.
		Over E. slope, along top of canyon, through medium dense juniper and pinon.
34.70		Desc. 180 ft. over N. slope.
40.00		Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 18.
		Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
		T41S R7E R8E S13 S18 1958
		Desc. 80 ft. over N. slope.
42.80		Wash in Lake Canyon, 40 lks. wide, 4 ft. deep, drains E. & asc. 180 ft. over S. slope.
45.60		Rocky spur, sloping W.; continue along W. slope of canyon; asc. 50 ft.
77.00		Top of ascent, canyon rim bears S. $60^{\circ}$ E. and N. $45^{\circ}$ W.; continue along rim.
80.00		Point for the cor. of secs. 7, 12, 13 and 18.
		Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
		T41S R7E R8E S12 S 7 S13 S18 1958
		Land, broken and steep slopes. Soil, rocky and sandy loam. Timber, oak, juniper and pinon. Undergrowth, sagebrush, oak brush, yellow top, silverleaf, sarvis berry and mountain rush.
		North, bet. secs. 7 and 12.
		Asc. 130 ft. over rolling SW. slope, through medium dense juniper and pinon.
11.90		Ridge, sloping W.; desc. 130 ft. over N. slope.
19.10		Wash, 20 lks. wide, 3 ft. deep, drains S. $30^{\circ}$ W.; asc. 260 ft. over SE. slope.
35.20		Low ridge, sloping W.; desc. 10 ft. over N. slope.

## East Boundary of Twp. 41 S., R. 7 E.

## Chains

40.00 Point for the cor. of secs. 7 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S  
R7E R8E  
 $\frac{1}{2}$   
S12 | S 7  
1958

Continue over rolling land, through medium dense juniper and pinon.

54.10 Desc. 120 ft. over NW. slope.

62.00 Wash, 10 lks. wide, 2 ft. deep, drains S.  $70^{\circ}$  W.; asc. 60 ft. over SE. slope.

70.60 Low ridge sloping W.; desc. 40 ft. over NW. slope.

80.00 Point for the cor. of secs. 1, 6, 7 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S  
R7E R8E  
S 1 | S 6  
S12 | S 7  
1958

Land, rolling.

Soil, sandy loam.

Timber, medium dense juniper and pinon.

Undergrowth, oak brush, sagebrush, yellow top and sarvis berry.

North, bet. secs. 1 and 6.

Desc. 120 ft. over rolling N. slope, through medium dense juniper and pinon.

7.80 Wash, 20 lks. wide, 4 ft. deep, drains S.  $60^{\circ}$  W.; asc. 140 ft. over S. slope.

19.30 Leave timber; asc. 100 ft. over rolling S. slope.

36.60 Enter medium dense juniper and pinon; asc. 10 ft. over S. slope.

40.00 Point for the  $\frac{1}{2}$  sec. cor. of secs. 1 and 6.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground, and in a collar of stone, with brass cap mkd.

T41S  
R7E R8E  
 $\frac{1}{2}$   
S 1 | S 6  
1958

Continue over nearly level land, through scattered bunches of pinon and juniper.

73.70 N. rim of Fifty Mile Mountain, bears W. and S.  $80^{\circ}$  E.; desc. 830 ft. over NE. sloping broken ledges and talus slope.

East Boundary of Tps. 41 S., R. 7 E.

Chains

and/or

92.31

Intersect the Eighth Standard Parallel South at the point for the closing cor. for Tps. 41 S., R. 7 and 8 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T40S R7E

S36

S 1 | S 6

R7E R8E

T41S

1958

1958

From this closing cor., the standard township cor. of Tps. 40 S., R. 7 and 8 E., bears E., 9.63 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 40 S., R. 7 E.

Land, nearly level and steep slopes, broken ledges.

Soil, sandy loam.

Timber, scattered juniper and pinon.

Undergrowth, sagebrush, yellow top and blackbrush.

Portion of the Subdivision, Tp. 41 S., R. 7 E.

From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 42 S., R. 7 E.

N.  $0^{\circ} 01'$  W., bet. secs. 35 and 36.

Over ledges and talus slope, through scattered juniper and pinon.

By triangulation asc. about 945 ft. over talus slope and ledges facing SE.

38.40 Rim of Fifty Mile Mountain, bears S.  $5^{\circ}$  W. and N.  $5^{\circ}$  E.; desc. 10 ft. over E. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36; end of triangulation.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R7E

S35 | S36

1958

From this  $\frac{1}{4}$  sec. cor., U.S.G.S. Spencer bears S.  $7^{\circ} 26'$  W., 19.25 chs. dist., as determined by traverse, a brass tablet, set in concrete, conforming to the record.

Desc. 100 ft. over N. slope.

52.90 E. rim of Spencer Point, bears S.  $30^{\circ}$  E. and N.  $10^{\circ}$  W.; continue along top of rim.

79.50 E. rim of Spencer Point, bears N.  $20^{\circ}$  E. and S.  $10^{\circ}$  W.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Portion of the Subdivision, T<sub>41</sub> S., R. 7 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R7E

S26 | S25

S35 | S36

1958

Land, mountainous.

Soil, rocky and sandy.

Timber, scattered to medium dense juniper and pinon.

Undergrowth, blackbrush, oak and sarvis berry.

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township.

N. 89° 54' W., bet. secs. 25 and 36.

Over rolling and broken land strewn with boulders, through scattered pinon and juniper.

Asc. 195 ft. over SE. slope.

12.80 Top of ascent, spur sloping SE.; desc. 210 ft. over SW. slope.

23.80 Wash, 30 lks. wide, 4 ft. deep, drains SE.; asc. 275 ft. over E. slope.

37.97 Point selected for the witness ¼ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R7E

¼ W S25

G S36

1958

Asc. 50 ft. over E. slope.

40.00 True point for the ¼ sec. cor. of secs. 25 and 36 falls on W. slope of boulder, 20x25x20 ft., where cor. cannot be perpetuated.

Continue by triangulation over E. slope and ledges; asc. about 1085 ft. over E. slope and ledges.

79.50 E. rim of Spencer Point, bears S. 20° W. and N. 20° E.; asc. 10 ft. over E. slope.

80.00 The cor. of secs. 25, 26, 35 and 36.

Land, mountainous.

Soil, rocky, clay and sandy.

Timber, scattered juniper and pinon.

Undergrowth, blackbrush, mountain rush and sarvis berry.

From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the township, an iron post, 2½ ins. diam., conforming to the field notes of Tp. 42 S., R. 7 E.

N. 0° 02' W., bet. secs. 33 and 34.

Over rolling land sloping SW., through scattered undergrowth; asc. 45 ft. over S. slope.

1.60 Spur, slopes SW.; desc. 30 ft. over NW. slope.

Portion of the Subdivision, T<sub>4</sub> S. 7 E.

Chains

as of

- 6.00 Wash, 20 lks. wide, 3 ft. deep, drains S. 10° W.; asc. 65 ft. over SE. slope.
- 9.30 Spur, slopes SW.; desc. 60 ft. over NW. slope.
- 25.40 Wash, 20 lks. wide, 2 ft. deep, drains SW.; 2 ft. deep, drains SW.; asc. 90 ft. over SW. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone,  $2\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R7E

S33|S34  
1958

By triangulation asc. about 100 ft. over SW. slope.

- 46.80 Spur, sloping SW.; desc. about 130 ft. over NW. slope.
- 61.20 Middle Rock Creek, drains SW.; asc. about 760 ft. over talus and ledges sloping S. 30° E.
- 80.00 Point for the cor. of secs. 27, 28, 33 and 34 falls on an inaccessible ledge where the cor. cannot be monumented.

Land, rolling talus slope and ledges.  
Soil, sandy and strewn boulders.  
Timber, none; undergrowth, silverleaf, blackbrush and mountain rush.

N. 0° 02' W., bet. secs. 27 and 28.

Asc. about 660 ft. over ledges facing S. 30° E.

- 8.40 S. rim of bench, bears S. 70° W. and N. 70° E.; asc. 10 ft.

- 8.50 End of triangulation.

Point selected for the witness cor. of secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R7E

S28|S27  
S33|S34

W C

1958

Asc. 175 ft. over SE. slope.

- 34.00 Top of ascent, spur slopes S. 40° W.; desc. 105 ft. over N. slope.

- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 27 and 28.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R7E

S28|S27  
1958



Portion of the Subdivision, T<sub>41</sub> S., R. 7 E.

Chains	
	Desc. 60 ft. over N. slope.
46.30	Wash, 10 lks. wide, 1 ft. deep, drains W.; asc. 110 ft. over S. slope.
54.60	Spur, sloping SW.; desc. 115 ft. over NW. slope.
72.10	Wash, 20 lks. wide, 2 ft. deep, drains N. 80° W.; asc. 25 ft. over S. slope.
73.30	Spur, projects W. about 1.00 ch.
73.60	Rim of bench, bears N. 45° E. and S. 45° W.; desc. 65 ft. over NW. slope.
74.70	Point selected for the witness cor. of secs. 21, 22, 27 and 28.  Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R7E W C S21/S22 S28/S27 1958
	By triangulation desc. about 170 ft. over ledges sloping NW.
80.00	True point for the cor. of secs. 21, 22, 27 and 28 falls on an inaccessible ledge where cor. cannot be perpetuated.  Land, rolling and broken. Soil, strewn boulders and sandy. Timber, very scattered juniper. Undergrowth, silverleaf, mountain rush and blackbrush.
	N. 0° 02' W., bet. secs. 21 and 22.  Asc. about 240 ft. over ledges sloping SW.
5.50	W. rim of bench, bears N. 30° W. and S. 30° E.; asc. about 100 ft. over SW. slope.
16.00	Spur, slopes W.; desc. about 100 ft. over NW. slope.
19.80	Wash, 20 lks. wide, 3 ft. deep, drains W.; asc. about 100 ft. over S. slope.
26.00	Spur, slopes W.; desc. about 80 ft. over N. slope.
30.30	Wash, 20 lks. wide, 3 ft. deep, drains W.; asc. about 80 ft. over S. slope.
36.20	End of triangulation; spur projects W.; desc. 10 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22.  Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T41S R7E S21/S22 1958

Chains		
	Continue over rolling land sloping W.; desc. 110 ft. over NW slope.	
72.20	Spur, sloping W.; desc. 110 ft. over NW slope.	
79.50	Wash, 10 lks. wide, 1 ft. deep, drains W.; asc. 10 ft. over S. slope.	
80.00	Point for the cor. of secs. 15, 16, 21 and 22.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T41S R7E	
	S16 S15	
	321 322	
	1958	
	Land, ledges, steep slopes and rolling.	
	Soil, strewn boulders and sandy clay.	
	Timber, scattered juniper and pinon.	
	Undergrowth, mountain rush, silverleaf, blackbrush and white sage.	
	N. 0° 02' W., bet. secs. 15 and 16.	
	Over rolling land sloping W.; asc. 30 ft. over SW slope.	
2.20	Spur, slopes NW.; desc. 80 ft. over NW slope.	
6.50	W. rim of bench, bears irregularly NE. and SW.; by triangulation desc. about 640 ft. over ledges sloping NW.	
21.80	Wash, 20 lks. wide, 3 ft. deep, drains S. 60° W.; asc. about 640 ft. over ledges facing SW.	
34.50	Rim of bench, bears irregularly E. and W.; end of triangulation; asc. 85 ft. over S. slope.	
40.00	Point for the ¼ sec. cor. of secs. 15 and 16.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.	
	T41S R7E	
	S16 S15	
	1958	
	Asc. 100 ft. over SE slope.	
50.00	Top of ascent on E. slope; desc. 75 ft. over NE slope.	
54.90	Wash, 20 lks. wide, 2 ft. deep, drains SE.; asc. 115 ft. over S. slope.	
59.00	Spur, slopes S. 80° W.; desc. 150 ft. over NW slope.	
65.00	Wash, 20 lks. wide, 3 ft. deep, drains SW.; asc. 415 ft. over steep S. slope.	
70.90	Spur, slopes W.; desc. 25 ft. over rolling NW slope.	
80.00	Point for the cor. of secs. 9, 10, 15 and 16.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.	

Part of the Subdivision Tr. 41 S., R. 7 E.

Chains	
	<p><b>T41S R7E</b>  <b>S 9   S10</b>  <b>S16   S15</b>  <b>1958</b></p> <p>Land, rolling and broken;  Soil, clay and sandy.  Timber, scattered juniper and pinon.  Undergrowth, sagebrush, blackbrush, silverleaf and mountain rush.</p>
	<p>N. 0° 02' W., bet. secs. 9 and 10.  Over rolling land, through scattered juniper and pinon.  Asc. 15 ft. over S. slope.</p>
4.20	Top of ascent; desc. by triangulation about 300 ft. over NW. slope.
25.00	Wash, 30 lks. wide, 3 ft. deep, drains W.; asc. about 300 ft. over S. slope.
36.00	Spur, slopes W.; desc. 25 ft. over N. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<p><b>T41S R7E</b>  <b>S 9   S10</b>  <b>1958</b></p> <p>Desc. 200 ft. over NW. slope.</p>
56.00	Wash, 40 lks. wide, 4 ft. deep, drains N. 80° W.; asc. 240 ft. over SW. slope.
73.00	Spur, slopes W.; desc. 100 ft. over NW. slope.
80.00	Point for the cor. of secs. 3, 4, 9 and 10 falls in wash, 40 lks. wide, 4 ft. deep, drains N. 80° W., where cor. cannot be perpetuated. Land, rolling bench top, general drainage W. Soil, clay, sandy and large boulders. Timber, scattered to moderate dense juniper and pinon. Undergrowth, silverleaf, blackbrush, sagebrush and mountain rush.
	<p>N. 0° 02' W., bet. secs. 3 and 4.  Over rolling land, through medium dense juniper and pinon.  Asc. 60 ft. over S. slope.</p>
1.88	Point selected for the witness cor. of secs. 3, 4, 9 and 10. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<p><b>T41S R7E</b>  <b>S 4   S 3</b>  <b>S 9   S10</b>  <b>W C</b>  <b>1958</b></p>

## Portion of the Subdivision, Twp. 41 S., R. 7 E.

Chains	
	Asc. 110 ft. over SW. slope.
10.60	By triangulation asc. about 450 ft. over talus and ledges sloping SW.
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 4 falls on inaccessible ledge of Fifty Mile Mountain, where the cor. cannot be perpetuated.
	Asc. about 600 ft. over ledges.
55.80	S. rim of Fifty Mile Mountain, bears NW. and E.
55.98	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, $4\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T41S R7E S 4 S 3 W C 1958
60.00	Rim of Fifty Mile Mountain, bears N. $20^{\circ}$ E. and S. $20^{\circ}$ W.; continue along W. slope of rim.
72.00	Rim of Fifty Mile Mountain, bears E. and W.; continue over rolling land, through medium dense juniper and pinon.
89.40	Wash, 10 lks. wide, 2 ft. deep, drains S. $30^{\circ}$ W.
92.13	Intersect the Eighth Standard Parallel South at the point for the closing cor. of secs. 3 and 4, Tp. 41 S., R. 7 E.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T40S R7E S33 S 4 S 3 T41S C C 1958
	From this closing cor., the standard cor. of secs. 33 and 34, Tp. 40 S., R. 7 E., bears E., 9.36 chs. dist., an iron post, $2\frac{1}{2}$ ins. diam., conforming to the field notes of Tp. 40 S., R. 7 E.
	Land, talus slopes, ledges and rolling. Soil, sandy and sandy loam. Timber, medium dense pinon and juniper. Undergrowth, blackbrush, sagebrush, sarvis berry and mountain rush.
	The point for the cor. of secs. 1 and 2 is on the Eighth Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T40S R7E S35 S 2 S 1 T41S R7E 1958

Portion of the Subdivision, Tp. 41 S., R. 7 E.

Chains

From this cor., the standard cor. of secs. 35 and 36 bears E., 9.54 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 40 S., R. 7 E.

The point for the N.  $\frac{1}{4}$  sec. cor. of sec. 2 is on the Eighth Standard Parallel South, and at midpoint on the N. bdy. of sec. 2.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$  S 2  
T41S R7E  
1958

Deposit charcoal at base of iron post.

From this  $\frac{1}{4}$  sec. cor., the standard  $\frac{1}{4}$  sec. cor. of sec. 35 bears E., 9.50 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 40 S., R. 7 E.

The point for the cor. of secs. 2 and 3 is on the Eighth Standard Parallel South, at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross(X) on sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T40S R7E  
S34  
S 3 | S 2  
T41S  
1958

From this cor., the standard cor. of secs. 34 and 35 bears E., 9.45 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 40 S., R. 7 E.

From the cor. of secs. 1 and 2 on the N. bdy. of the township.

S.  $0^{\circ} 01'$  E., bet. secs. 1 and 2.

Over gently rolling land, through medium dense sagebrush and scattered clusters of oak; desc. 65 ft. over S. slope.

38.50 Enter dense juniper and pinon, bears E. and W.; desc. 100 ft. over SW. slope.

52.25 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R7E  
 $\frac{1}{4}$   
S 2 | S 1  
1958

Desc. 110 ft. over S. slope.

56.70 Leave timber, bears E. and W.; desc. 80 ft. over S. slope.

## Portion of the Subdivision, Tp. 41 S., R. 7 E.

Chains

62.50 Wash in Lake Canyon, 25 lks. wide, 15 ft. deep, drains S. 80° E.; asc 150 ft. over steep N. slope.

71.80 Asc. 55 ft. over gradual N. slope.

92.25 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T41S R7E

S 2 | S 1

S11 | S12

1958

Deposit charcoal at base of iron post.

Land, rolling.

Soil, sandy loam.

Timber, scattered oak, dense juniper and pinon to none.

Undergrowth, sagebrush, sarvis berry and yellow brush.

From the cor. of secs. 2 and 3 on the N. bdy. of the township.

S. 0° 01' E., bet. secs. 2 and 3.

Over nearly level land, through medium dense sagebrush.

29.50 Swale, 90 lks. wide, drains S. 80° E.

52.19 Point for the ¼ sec. cor. of secs. 2 and 3, on slight N. slope.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T41S R7E

S 3 | S 2

1958

92.19 Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R7E

S 3 | S 2

S10 | S11

1958

Land, gently rolling.

Soil, sandy clay loam.

Timber, scattered juniper and pinon, oak.

Undergrowth, oak brush, yellow top and sagebrush.

From the cor. of secs. 1, 2, 11 and 12.

N. 89° 56' W., bet. secs. 2 and 11.

Over nearly level land, through medium dense undergrowth.

39.95 Point for the ¼ sec. cor. of secs. 2 and 11.

Portion of the Subdivision, Twp 41 S., R. 7 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S R7E

½ S 2

S11

1958

Continue over gently rolling land, general drainage SE.

79.90 The cor. of secs. 2, 3, 10 and 11.

Land, gently rolling.

Soil, sandy clay loam.

Timber, scattered juniper, pinon and oak.

Undergrowth, yellow brush, sarvis berry and sagebrush.

From the cor. of secs. 15, 16, 21 and 22.

West, bet. secs. 16 and 21.

Over rolling W. slope; desc. 60 ft.

4.40 W. rim of bench, bears N. and SW.; desc. by triangulation about 1000 ft. over ledges and talus sloping NW.

31.00 Wash, 40 lks. wide, 4 ft. deep, drains SW.; asc. about 320 ft. over SE. slope.

40.00 Point for the ¼ sec. cor. of secs. 16 and 21; end of triangulation.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R7E

¼ S16

S21

1958

Asc. 70 ft. over SE. slope.

42.00 Spur, slopes SW.; by triangulation desc. about 480 ft. over NW. slope.

75.00 Wash, 30 lks. wide, 3 ft. deep, drains SW.; asc. about 400 ft. over SE. slope.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R7E

S17 S16

S20 S21

1958

Land, ledges, steep slopes and exposed sandstone.

Soil, strewn boulders and sandy.

Timber, none; undergrowth, silverleaf and blackbrush.

Chains

N.  $0^{\circ} 03'$  W., bet. secs. 16 and 17. Asc. 640 ft. over talus and ledges facing S.

11.00 S. rim of point of bench, bears NE. and SW.; continue over bench top.

15.00 N. rim of point, bears SW. and NE.; desc. 1040 ft. over NW. sloping ledges and talus slope.

37.00 Wash, 20 lks. wide, 3 ft. deep, drains W.; asc. 40 ft. over S. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R7E

S17/S16  
1958

Asc. 800 ft. over talus and ledges sloping SW.

59.00 Top of ascent on W. slope of bench; desc. 800 ft. over ledges and talus sloping NW.

73.00 Wash, 40 lks. wide, 4 ft. deep, drains W.; asc. 230 ft. over S. slope.

77.00 Spur, sloping W.; desc. 250 ft. over N. slope.

80.00 Gulch, 90 lks. wide, ledge walls 60 ft. high, drains N.  $75^{\circ}$  W.

True point for the cor. of secs. 8, 9, 16 and 17 falls in gulch where cor. cannot be perpetuated.

Point selected for the witness cor. of secs. 8, 9, 16 and 17 bears N.  $89^{\circ} 56'$  W., 4.61 chs. dist. on N. slope of spur.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R7E

S8/S9 W  
S17/S16 C  
1958

Land, broken ledges and steep slopes.

Soil, rocky and sandy.

Timber, none; undergrowth, blackbrush and silverleaf.

From the cor. of secs. 9, 10, 15 and 16.

N.  $89^{\circ} 56'$  W., bet. secs. 9 and 16.

Desc. 560 ft. over rolling W. slope, through very scattered juniper.

34.73 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.



Portion of the Subdivision, Tp. 41 S., R. 7 E.

Chains

T41S R7E

$\frac{1}{2}$  W S 9

C. S16

1958

By triangulation desc. about 15 ft. over W. slope.

35.20 W. rim of bench, bears N. and S.; desc. about 300 ft. over broken ledges.

39.94 True point for the  $\frac{1}{2}$  sec. cor. of secs. 9 and 16 falls on inaccessible ledges facing W., where cor. cannot be perpetuated.

Desc. about 720 ft. over ledges and talus sloping W.

79.88 The true point for the cor. of secs. 8, 9, 16 and 17.

From this point, the witness cor. of secs. 8, 9, 16 and 17, heretofore described, bears N.  $89^{\circ} 56'$  W., 4.61 chs. dist.

Land, rolling, ledges and steep slopes.

Soil, strewn boulders and sandy.

Timber, scattered to none; undergrowth, blackbrush and silverleaf.

From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, an iron post, firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of Tp. 40 S., R. 6 E.

N.  $0^{\circ} 03'$  W., bet. secs. 32 and 33.

Asc. 70 ft. over rolling SW. slope.

29.35 Point selected for the witness  $\frac{1}{2}$  sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R7E

$\frac{1}{2}$

W C.

S32 S33

1958

29.50 W. rim of bench, bears N.  $40^{\circ}$  E. and S.  $30^{\circ}$  W.; by triangulation desc. about 400 ft. over NW. slope of broken ledges.

40.00 True point for the  $\frac{1}{2}$  sec. cor. of secs. 32 and 33 falls on an inaccessible NW. slope of ledges where cor. cannot be perpetuated.

Desc. about 320 ft. over broken ledges.

53.00 Base of descent on NW. slope of broken ledges; asc. about 640 ft. over SW. slope of broken ledges.

73.60 Top of ascent, point of bench projecting N.  $75^{\circ}$  W.; end of triangulation; desc. 30 ft. over N. steep slope.

74.15 Point selected for the witness cor. of secs. 28, 29, 32 and 33.

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

T41S R7E

W C

S29 S28

S32 S33

1958

Chains		Chain
	Desc. 400 ft. over NW slope of broken ledges.	
80.00	True point for the cor. of secs. 28, 29, 32 and 33 falls on an inaccessible N. slope of broken ledges, where cor. cannot be perpetuated. By triangulation asc. about 60 ft. over broken ledges. Land, rolling and broken ledges. Soil, rocky and sandy clay. Timber, none; undergrowth, blackbrush, greasewood and mountain rush.	
	From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, an iron post, 2½ ins. diam., conforming to the field notes of Tp. 42 S., R. 7 E. N. 0° 03' W., bet. secs. 31 and 32. Over gently rolling to rolling land.	
19.50	Wash, 20 lks. wide, 2 ft. deep, drains S. 30° W.	
29.90	Desc. 100 ft. over NW slope.	
40.00	Point for the ¼ sec. cor. of secs. 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in ground to bedrock, and in a collar of stone with brass cap mkd. T41S R7E S31/S32 1958	
	Desc. 10 ft. over NW slope.	
42.40	Gulch, 30 lks. wide, 30 ft. deep, drains S. 65° W.; asc. 90 ft. over SE slope.	
57.20	Top of ascent, spur sloping SW.; desc. 40 ft. over N. slope.	
65.10	Wash, 20 lks. wide, 2 ft. deep, drains SW.; asc. 100 ft. over S. slope.	
80.00	Point for the cor. of secs. 29, 30, 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T41S R7E S31/S32 1958	
	Land, gently rolling to rolling. Soil, pebbles and sandy. Timber, none; undergrowth, greasewood and rabbit brush.	
	From the true point for the cor. of secs. 28, 29, 32 and 33. N. 89° 59' W., bet. secs. 29 and 32. By triangulation asc. about 60 ft. over broken ledges sloping N.	
10.00	Top of ascent, broken spur sloping NW.; desc. about 560 ft. over broken ledges sloping W.	

## Portion of the Subdivision, Tp. 41 S., R. 7 E.

Corners

35.00

Base of ledges; desc. about 160 ft. over rolling W. slope.

48.04

Point for the  $\frac{1}{4}$  sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R7E

 $\frac{1}{4}$   $\frac{S29}{S32}$ 

1958

Continue over gently rolling W. slope.

56.00

Gulch, 60 lks. wide, 80 ft. deep, drains S.  $20^{\circ}$  W.

80.08

The cor. of secs. 29, 30, 31 and 32.

Land, broken ledges, rolling and gently rolling.

Soil, rocky and sandy.

Timber, none; undergrowth, greasewood and rabbit brush.

## GENERAL DESCRIPTION

The land within this township is rough and mountainous. The elevation varies from 3900 ft. in the canyons to 7300 ft. above sea level on the plateau. Rock Creek, Middle Rock Creek and Dry Rock Creek drain the area southerly to the Colorado River. The northeast cor. of the township falls at the base of the Straight Cliffs.

The soil varies from a few inches on the mesas and higher benches of sandy loam, to several feet of sand and clay in the canyon bottoms. The most prominent features are the high cliffs and ledges which wall the canyons and afford some scenic attraction.

The timber is composed entirely of juniper, pinon and oak of little commercial value. Principal users of the area are cattlemen, and access into the township is provided by stock trails.

Access to survey lines was provided by helicopters. No mineral formations of consequence were noted during the survey.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAME

CAPACITY

James R. Mason

Principal Assistant

Barley Pratt

Chairman

Robert A. Pratt

Flagman

Andrew M. Nelson

Cornerman

Wallace R. Ott

Axeman



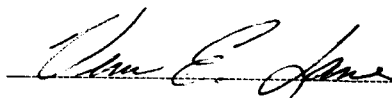
# CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that  
pursuance of special instructions bearing date of the 27th day of August, 1959  
I have ~~surveyed~~ supervised the survey of the east boundary and a portion of the  
subdivision of Township 41 South, Range 7 East

of the Salt Lake Meridian, in the State of Utah, which  
represented in the foregoing field notes as having been executed by me and under my direction; and the  
said survey has been made in strict conformity with said instructions, the Manual of Instructions for  
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing  
field notes.

May 21, 1959

Salt Lake City, Utah



Vern E. Lane, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 9 1959, 1959

The foregoing field notes of the survey of the east boundary and a portion of the  
subdivision of Township 41 South, Range 7 East, Salt Lake Meridian, Utah

executed by Lacel E. Bland, under the supervision of Vern E. Lane  
having been critically examined and found correct, are hereby approved.



Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in~~  
~~is a true copy of the original field notes.~~

~~Cadastral Engineering Staff Officer~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY

OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 41 SOUTH, RANGE 8 EAST

Of the Salt Lake Meridian,

in the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Fred R. Chappell - Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided

for the surveys included under Group No. 408, approved November 8, 1956

and assignment instructions dated May 7, 1958.

Survey commenced September 5, 1958.

Survey completed September 19, 1958.

# INDEX DIAGRAM

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## Township 41 South, Range 8 East

## Chains

The north boundary (Eighth Standard Parallel South) was surveyed concurrently and under Group 410 by Craig P. Sylvester. The notes thereof are included in the field notes of Tp. 40 S., R. 8 E. The west boundary was surveyed concurrently and under Group 408 by Lacel E. Bland. The notes thereof are included in the field notes of Tp. 41 S., R. 7 E. The south boundary was surveyed concurrently and under Group 408 by Fred R. Chappell. The notes thereof are included in the field notes of T. 42 S., R. 8 E.

The following notes are those of the survey of the east boundary and a portion of the subdivision of Tp. 41 S., R. 8 E., deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with a W. & L. E. Gurley solar transit, serial No. 541327, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude  $37^{\circ} 11' 37.0''$  N. and longitude  $110^{\circ} 58' 56.3''$  W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ} 15' E.$

## East Boundary of Tp. 41 S., R. 8 E.

Chains

201210

Beginning at the cor. of Tps. 41 and 42 S., Rs. 8 and 8½ E., an iron post, 2½ ins. diam., conforming to the field notes of Tp. 42 S., R. 8 E.

North, bet. secs. 35 and 36.

Over rolling and broken desert land, through scant undergrowth; desc. 20 ft. over N. slope.

9.50 Wash, 20 lks. wide, 2 ft. deep, drains SE.; asc. 25 ft. over S. slope.

11.20 Spur, project SE.; desc. 40 ft. over NE. slope.

15.80 Draw, drains SE.; asc. 230 ft. over SW. slope.

36.80 Spur, projects S. 30° E.; desc. 25 ft. over NE. slope.

40.00 Point for the ¼ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S  
R8E R8½E  
½  
S36|S35  
1958

Desc. 80 ft. over NE. slope.

45.40 Draw, drains SE.; asc. 95 ft. over SW. slope.

52.20 Spur, projects SE.; desc. 85 ft. over N. slope.

54.60 Draw, drains E.; asc. 45 ft. over S. slope.

63.10 Spur, projects E.; desc. 110 ft. over N. slope.

67.00 Draw, drains E.; asc. 80 ft. over S. slope.

75.25 Point selected for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T41S  
R8E R8½E  
S25|S26  
S36|S35  
W C  
1958

Deposit a sandstone, 4x4x2 ins., mkd. with a cross (X) at base of post.

Desc. 160 ft. over steep N. clay slope.

80.00 True point for the cor. of secs. 25, 26, 35 and 36 falls in the bottom of a deep sandstone draw where the cor. cannot be perpetuated.

Land, rolling and badly broken desert.

Soil, rocky sandy clay.

Timber, none; undergrowth, medium blackbrush, scant shadscale, grass and weeds.

## East Boundary of Twp. 41 S., R. 8 E.

Chains	
	North, bet. secs. 25 and 26. Over broken desert land, over scant undergrowth; asc. 1050 ft. over a series of ledges facing S.
39.00	Rim of mesa, bears E. and W.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 26. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T41S R8E R8 $\frac{1}{2}$ E S25 S26 1958
	Desc. 50 ft. over NW. slope.
42.20	Head of draw, drains SW.; asc. 55 ft. over SE. slope.
46.90	Spur, projects SW.; desc. 40 ft. over NW. slope.
50.80	Draw, drains SW.; asc. 20 ft. over S. slope.
63.60	Rim of mesa, bears E. and W.; desc. 50 ft. over N. slope.
64.40	Point selected for the witness cor. of secs. 23, 24, 25 and 26. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd. T41S R8E R8 $\frac{1}{2}$ E S24 S23 S25 S26 W C 1958
	Desc. 800 ft. over series of ledges facing NE.
80.00	True point for the cor. of secs. 23, 24, 25 and 26 falls on the steep slope of a ledge where the cor. cannot be perpetuated. Land, badly broken desert. Soil, rocky sandy clay. Timber, scattered dwarf juniper and pinon. Undergrowth, medium blackbrush, mountain rush, grass and weeds.
	North, bet. secs. 23 and 24. Over badly broken desert land, through widely scattered timber and scant undergrowth; desc. 480 ft. over broken NE. slope.
22.00	Bottom of sandstone draw, drains E.; asc. 400 ft. over broken SE. slope.
39.70	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 23 and 24. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, and in a collar of stone, with brass cap mkd.

East Boundary of Twp. 41 S., R. 8 E.

Chains		arrived
	<p>T41S R8E R8½E S24 S23 W C 1958</p>	
40.00	<p>True point for the ¼ sec. cor. of secs. 23 and 24 falls on a sandstone boulder where the cor. cannot be perpetuated.</p> <p>Asc. 400 ft. over ledges facing SE.</p>	
45.00	<p>Sandstone spur, projects E.; desc. 740 ft. over series of ledges facing NE.</p>	
75.00	<p>Draw, drains E.; asc. 120 ft. over S. slope.</p>	
80.00	<p>Point for the cor. of secs. 13, 14, 23 and 24.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p>T41S R8E R8½E S13 S14 S24 S23 W C 1958</p> <p>Land, badly broken desert. Soil, rocky sandy clay. Timber, widely scattered dwarf juniper. Undergrowth, scant blackbrush, mountain rush, grass and weeds.</p>	
	<p>North, bet. secs. 13 and 24.</p> <p>Over badly broken desert land, through scant undergrowth; asc. 1360 ft. over series of ledges facing S.</p>	
28.00	<p>Sandstone spur, projects S. 75° E.; desc. 500 ft. over an inaccessible series of ledges facing E.</p>	
40.00	<p>Point for the ¼ sec. cor. of secs. 13 and 14 falls on a steep sandstone slope where the cor. cannot be perpetuated.</p> <p>Point selected for the witness ¼ sec. cor. bears E., 3.97 chs. dist.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p>T41S R8E R8½E S13 S14 W C 1958</p> <p>Desc. 200 ft. along badly broken E. changing to NE. slope.</p>	
79.00	<p>Sandstone draw, drains E.; asc. 50 ft. over steep S. clay slope.</p>	
79.90	<p>Point selected for the witness cor. of secs. 11, 12, 13 and 14.</p>	

## East Boundary of Tp. 41 S., R. 8 E.

## Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S

R8E R8 $\frac{1}{2}$ E

S12|S11

S13|S14

W C

1958

True point for the cor. of secs. 11, 12, 13 and 14 falls on a nearly vertical clay slope facing S. where the cor. cannot be perpetuated.

Land, badly broken desert.

Soil, rocky sandy clay.

Timber, none; undergrowth, scant blackbrush, yellow brush, grass and weeds.

North, bet. secs. 11 and 12.

Over rolling desert land, through scant undergrowth; asc. 30 ft. over steep S. slope.

Spur, projects E.; desc. 180 ft. over N. slope.

Bladed road from Escalante to the Hole in the Rock, bears SE. and NW.; thence along gentle E. slope.

Point for the  $\frac{1}{2}$  sec. cor. of secs. 11 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 16 ins. in the ground, and in a collar of stone, with brass cap mkd.

T41S

R8E R8 $\frac{1}{2}$ E $\frac{1}{2}$ 

S12|S11

1958

Slope changes to NE.; desc. 215 ft. over sandstone slickrock.

Sandstone draw, drains NE.; asc. 30 ft. over S. slope.

Sandstone knoll; desc. 60 ft. over N. sandstone slope.

Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S

R8E R8 $\frac{1}{2}$ E

S1|S2

S12|S11

1958

Land, rolling desert.

Soil, sand and exposed sandstone.

Timber, none.

Undergrowth, medium blackbrush, scattered shadscale and grass.

## East Boundary of Tp. 41 S., R. 8 E.

Chains

azimad

North, bet. secs. 1 and 2.

Over rolling desert land, through medium undergrowth; desc. 25 ft. over N. sandstone slope.

4.00 Sandstone draw, drains E.; asc. 65 ft. over S. sandstone slope.

8.90 Sandstone knob; thence desc. 35 ft. over gentle N. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 2.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.

T41S  
R8E R8 $\frac{1}{2}$ E  
S 1 | S 2  
1958

Desc. 25 ft. over gentle NE. slope.

56.00 Swale; asc. 35 ft. over S. slope.

75.80 Rise, bears E. and W.; desc. 55 ft. over N. slope.

91.74 Intersect the Eighth Standard Parallel South at the point for the closing cor. of Tps. 41 S., Rs. 8 and 8 $\frac{1}{2}$  E.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over across (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T40S R8E  
S36  
S 1 | S 2  
T8E R8 $\frac{1}{2}$ E  
T41S  
C C  
1958

From this closing cor., the standard cor. of Tps. 40 S., Rs. 8 and 8 $\frac{1}{2}$  E. bears E., 11.34 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 40 S., R. 8 E.

Land, rolling desert.

Soil, sandy clay, with exposed sandstone.

Timber, none; undergrowth, medium blackbrush, mountain rush and grass.

## Portion of the Subdivision, Tp. 41 S., R. 8 E.

From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township N. 0° 01' W., bet. secs. 35 and 36.

Over broken desert land, through medium timber and scant undergrowth; desc. 40 ft. over N. slope.

1.00 Draw, drains E.; asc. 230 ft. over S. slope.

14.70 Spur, projects E.; desc. 100 ft. over N. slope.

19.60 Draw, drains E.; asc. 30 ft. over S. slope.

30.50 Spur, projects E.; desc. 50 ft. over N. slope.

## Portion of the Subdivision, Tp. 41 S., R. 8 E.

Chains	
38.70	Small draw, drains E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground to solid rock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.  T41S R8E $\frac{1}{4}$ S35 S36 1958  Asc. 90 ft. over S. slope.
45.50	Spur, projects E.; desc. 190 ft. over N. slope.
52.30	Draw, drains NE.; asc. 25 ft. over SE. slope.
54.40	Spur, projects NE.; desc. 205 ft. over N. slope.
71.00	Draw, drains SE.; asc. 200 ft. over S. slope.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.  T41S R8E S26 S25 S35 S36 1958  Land, broken desert. Soil, rocky sandy clay. Timber, medium juniper and pinon. Undergrowth, medium blackbrush, mountain rush, silverleaf and grass.
	From the true point for the cor. of secs. 25, 26, 35 and 36 on the E. bdy. of the township. S. $89^{\circ} 59'$ W., bet. secs. 25 and 36.  Over broken desert land, through widely scattered timber and scant undergrowth; asc. 220 ft. over steep E. clay slope.
9.20	Spur, projects NE.; desc. 160 ft. over broken N. slope.
25.00	Bottom of draw, drains N. $85^{\circ}$ E.; asc. 80 ft. along S. slope.
36.67	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 25 and 36.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.  T41S R8E $\frac{1}{4}$ S25 S36 W C 1958  Cor. is set on a small spur projecting S.; desc. 75 ft. over SW. slope.
37.50	Previous draw, drains S. $70^{\circ}$ E.; asc. 100 ft. over steep clay slope facing E.

## Portion of the Subdivision, Tp. 41 S., R. 8 E.

## Chains

- 40.02 True point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 36 falls on a nearly vertical clay slope where the cor. cannot be perpetuated.  
Asc. 800 ft. over series of ledges facing E.
- 59.70 Sandstone rim, 40 ft. high, bears N. and S.; asc. 180 ft. over E. slope.
- 78.40 Top of rise; desc. 5 ft. over SW. slope.
- 80.04 The cor. of secs. 25, 26, 35 and 36.
- Land, broken desert.  
Soil, rocky clay.  
Timber, widely scattered juniper and pinon.  
Undergrowth, scant blackbrush, silverleaf, grass and weeds.
- From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the township, an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 42 S., R. 8 E.
- N.  $0^{\circ} 02'$  W., bet. secs. 33 and 34.
- Over rolling mountain top, through dense timber and medium undergrowth; desc. 80 ft. over N. slope.
- 11.00 Slope changes to NE.; desc. 220 ft.
- 28.00 Bottom of canyon, drains N.  $80^{\circ}$  W.; asc. 180 ft. over S. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 15 ins. in the ground to solid rock, and in a collar of stone, with brass cap mkd.
- T41S R8E  
 $\frac{1}{4}$   
S33|S34  
1958
- Asc. 10 ft. over gentle S. slope.
- 44.60 Top of rise; desc. 270 ft. over N. slope.
- 71.70 Bottom of canyon, drains SW.; asc. 175 ft. over S. slope.
- 80.00 Point for the cor. of secs. 27, 28, 33 and 34.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.
- T41S R8E  
S28|S27  
S33|S34  
1958
- Land, mountainous.  
Soil, rocky sandy clay loam.  
Timber, dense juniper and pinon.  
Undergrowth, medium sagebrush, oak, serivce berry and scant grass.



Portion of the Subdivision, Tp. 41 S., R. 8 E.

Chains

N. 0° 02' W., bet. secs. 27 and 28.

Over mountain land, through dense timber and medium undergrowth; asc. 165 ft. over S. slope.

33.60 Spur ridge, projects W.; thence along nearly level top.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 27 and 28.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R8E

S28 | S27

1958.

Desc. 190 ft. over N. slope.

64.20 Draw, drains NW.; asc. 70 ft. over S. slope.

67.70 Spur, projects W.; desc. 60 ft. over S. slope.

70.50 Draw, drains W.; asc. 50 ft. over S. slope.

74.80 Spur, projects W.; desc. 30 ft. over NW. slope.

80.00 Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R8E

S21 | S22

S28 | S27

1958

Land, mountainous.

Soil, rocky sandy clay.

Timber, dense juniper and pinon.

Undergrowth, medium dense sagebrush, scattered bitter brush, service berry, scrub oak and grass.

N. 0° 02' W., bet. secs. 21 and 22.

Over mountain land, through dense timber and medium undergrowth; desc. 55 ft. over NW. slope.

6.00 Draw, drains S. 10° W. for 10.00 chs., thence SW.; asc. 140 ft. over S. slope.

23.80 Stock trail, bears E. and W., 20.00 chs. to log corral; asc. 85 ft. over SE. slope.

38.00 Spur, projects E.; desc. 15 ft. along E. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

Portion of the Subdivision, Tp. 41 S., R. 8 E.

Chains

T41S R8E

S21|S22

1958

Thence along E. slope.

46.80 Head of draw, drains SE.; asc. 70 ft. over S. slope.

53.70 Spur, projects SW.; desc. 220 ft. over N. slope.

74.60 Draw, drains W. Moqui Spring is located about 20.00 chs. SE.; asc. 55 ft. over S. slope.

79.40 Stock trail, bears E. and W.

80.00 Point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R8E

S16|S15

S21|S22

1958

Land, mountainous.

Soil, rocky sandy clay.

Timber, dense juniper and pinon.

Undergrowth, medium dense sagebrush, scattered oak, service berry, bitter brush and grass.

N. 0° 02' W., bet. secs. 15 and 16.

Over mountainous land, through medium timber and undergrowth; desc. 105 ft. over N. slope.

8.00 E. rim of Fifty Mile Mountain, bears NW. and SE.; desc. 980 ft. over badly broken NE. slope.

40.00 Point for the ¼ sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to solid rock, and in a collar of stone, with brass cap mkd.

T41S R8E

S16|S15

1958

Desc. 75 ft. over gentle NE. slope.

71.70 Stock trail, bears SW. and NE.; desc. 15 ft. over gentle N. slope.

80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R8E

S 9|S10

S16|S15

1958

## Portion of the Subdivision, Tp. 41 S., R. 8 E.

## Chains

Land, broken and rolling, desert mountain.  
Soil, rocky, sandy clay.  
Timber, scattered juniper and pinon.  
Undergrowth, medium sagebrush, blackbrush, scant grass and weeds.

N. 0° 02' W., bet. secs. 9 and 10.

Over rolling desert bench land, through medium timber and undergrowth; desc. 190 ft. over NE. slope.

20.60 Draw, drains N. 80° E.; asc. 105 ft. over S. slope.

28.00 Spur, projects N. 80° E.; desc. 50 ft. over N. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R8E

$\frac{1}{4}$

S 9 | S10

1958

Desc. 280 ft. over series of small spurs and draws putting to the E.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R8E

S 4 | S 3

S 9 | S10

1958

Land, rolling desert bench.

Soil, rocky, sandy clay.

Timber, medium juniper and pinon.

Undergrowth, medium sagebrush, blackbrush, horse brush, yellow brush, and grass.

N. 0° 02' W., bet. secs. 3 and 4.

Over badly broken desert land, through scattered timber and scant undergrowth.

Thence by triangulation across a deep gulch, with topography approx.; desc. 800 ft. over series of clay spurs and draws putting to the E.

26.00 Bottom of draw, drains E.; asc. 300 ft. over badly broken S. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 4 falls on a steep clay slope bet. ledges, where the cor. cannot be perpetuated.

Asc. 350 ft. over series of ledges facing S.

52.45 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

## Portion of the Subdivision, Tp. 41 S., R. 8 E.

Chains

T41S R8E

S 4 | S 3

W C

1958

- 52.50 Spur, projects E., thence by triangulation across deep gulch draining E.
- 85.10 Spur, projects NE.; thence by chaining desc. 75 ft. over N. slope.
- 92.21 Intersect the Eighth Standard Parallel South at the point for the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T40S

S33

S 4 | S 3

C C

T14S R8E

1958

From this closing cor., the standard cor. of secs. 33 and 34, Tp. 40 S., R. 8 E. bears E., 10.89 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 40 S., R. 8 E.

Land, badly broken desert.  
Soil, rocky sand clay.  
Timber, widely scattered juniper and pinon.  
Undergrowth, scant sagebrush, blackbrush, grass and weeds.

The point for the cor. of secs. 1 and 2 is on the Eighth Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.

Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone, with brass cap mkd.

T40S

S35

S 2 | S 1

T41S R8E

1958

From this point, the standard cor. of secs. 35 and 36, Tp. 40 S., R. 8 E. bears E., 11.19 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the field notes of Tp. 40 S., R. 8 E.

The point for the  $\frac{1}{4}$  sec. cor. of sec. 2 is on the Eighth Standard Parallel South, and at midpoint on the N. bdy. of sec. 2.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

 $\frac{1}{4}$  S 2

T41S R8E

1958

Portion of the Subdivision, Tp. 41 S., R. 8 E.

Chains	<p>From this point, the standard <math>\frac{1}{4}</math> sec. cor. of sec. 35, Tp. 40 S., R. 8 E. bears E., 11.115 chs. dist., an iron post, <math>2\frac{1}{2}</math> ins. diam., conforming to the field notes of Tp. 40 S., R. 8 E.</p>
	<p>The point for the cor. of secs. 2 and 3 on the Eighth Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone, <math>3\frac{1}{2}</math> ft. base to top, with brass cap mkd.</p> <div>T40S S34 S 3   S 2 T41S R8E 1958</div> <p>From this point, the true point for the standard cor. of secs. 34 and 35, Tp. 40 S., R. 8 E. bears E., 11.04 chs. dist., from which it's witness cor., an iron post, <math>2\frac{1}{2}</math> ins. diam., conforming to the field notes of Tp. 40 S., R. 8 E. bears W., 30 lks. dist.</p>
	<p>From the cor. of secs. 2 and 3 on the N. bdy. of the township.</p> <p>S. <math>0^{\circ} 01'</math> E., bet. secs. 2 and 3.</p> <p>Over rolling desert land, through medium undergrowth; asc. 10 ft. over N. slope.</p>
4.00	Spur, projects NE.; desc. 50 ft. over E. slope.
13.60	Draw at curve, drains SE. from NE.; asc. 40 ft. over N. slope.
19.30	Spur, projects E.; desc. 25 ft. over S. slope.
21.10	Small draw, drains E.; asc. 50 ft. over N. slope.
30.60	Spur, projects E.; desc. 35 ft. over S. slope.
33.60	Draw, drains E.; asc. 80 ft. along E. slope.
52.05	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3.
	<p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <div>T41S R8E <math>\frac{1}{4}</math> S 3   S 2 1958</div>
	<p>Asc. 145 ft. over NE. slope.</p>
70.00	Spur, projects NE.; desc. 65 ft. over S. slope.
72.10	Draw, drains NE.; asc. 55 ft. over N. slope.
78.00	Spur, projects E.; desc. 30 ft. over S. slope.
87.80	Draw, drains E.; asc. 20 ft. along E. slope.
92.05	Point for the cor. of secs. 2, 3, 10 and 11.

## Portion of the Subdivision, Tp. 41 S., R. 8 E.

Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R8E

S 3 S 2

S10 S11

1958

Land, rolling desert.

Soil, rocky sandy loam.

Timber, none; undergrowth, medium blackbrush, scant grass.

N.  $89^{\circ} 53'$  E., bet. secs. 2 and 11.

Over rolling desert land, through medium undergrowth; asc. 20 ft. over NW. slope.

5.40 Spur, projects NE.; desc. 25 ft. over E. slope.

9.30 Draw, drains N.  $20^{\circ}$  E.; asc. 35 ft. over W. slope.

12.00 Spur, projects N.; desc. 90 ft. over E. slope.

14.00 Draw, drains N.; asc. 45 ft. over W. slope.

19.20 Spur, projects N.; desc. 120 ft. over E. slope.

27.00 Draw, drains NE.; thence over gentle E. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R8E

 $\frac{1}{4}$  S 2

S11

1958

From this point, the cor. of a barbed wire fence bearing E. and NE. bears S.  $46^{\circ} 23'$  E., 2.27 chs. dist.

Desc. 40 ft. over E. slope.

49.40 Bottom of Soda Gulch, drains N., 1.00 ch., thence NE.; asc. 40 ft. over W. slope.

55.40 Soda Ranch road, bears S.  $10^{\circ}$  W. and N.  $10^{\circ}$  E., 1.00 ch. to Hole in the Rock and Escalante road.

57.10 Bladed road from Escalante to Hole in the Rock, bears N. and S.; desc. 55 ft. over E. slope.

63.20 Wash, .20 lks. wide, 3 ft. deep, drains N.; asc. 65 ft. over W. slope.

74.50 Spur, projects N.; desc. 30 ft. over E. slope.

80.00 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 15 ins. in the ground, and in a collar of stone, with brass cap mkd.

Portion of the Subdivision, T41 S., R. 8 E.

Chains	
67.60	<p>T41S R8E S 2   S 1 S11-S12 1958</p> <p>Land, rolling desert. Soil, rocky, sandy loam. Timber, none; undergrowth, dense blackbrush and scant grass.</p>
16.80	<p>N. 20° 06' W., bet. secs. 1 and 2.</p> <p>Over gently rolling desert land, through scant undergrowth; desc. 30 ft. along NE. slope.</p>
40.00	<p>W. slope of knoll; desc. 75 ft. over N. slope.</p> <p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 1 and 2.</p> <p>At the head of a small sandstone draw draining W.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p>
41.10	<p>T41S R8E S 2   S 1 1958</p> <p>Asc. 10 ft. over S. slope.</p>
49.00	<p>W. slope of spur, projects W.; desc. 105 ft. over N. slope.</p>
74.00	<p>Soda Gulch, drains N. 20° E.; asc. 160 ft. over SE. slope.</p>
87.60	<p>Spur, projects NE.; desc. 190 ft. over N. slope.</p>
91.92	<p>Draw, drains NE.; asc. 85 ft. over SE. sandstone slope.</p> <p>The cor. of secs. 1 and 2 on the N. bdy. of the township.</p> <p>Land, rolling desert. Soil, sandy loam and exposed sandstone. Timber, none; undergrowth, medium blackbrush, scant grass and weeds.</p>
20.90	<p>From the cor. of secs. 15, 16, 21 and 22.</p> <p>West, bet. secs. 16 and 21.</p> <p>Over mountain land, through medium timber and undergrowth; desc. 130 ft. over W. slope.</p> <p>Draw, drains NW.; N. edge of burned over opening; asc. 115 ft. over E. changing to NE. slope.</p>
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 16 and 21.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p>T41S R8E <math>\frac{1}{4}</math> S16 S21 1958</p>

## Portion of the Subdivision, Twp. 41 S., R. 8 E.

Chains

enlad')

Asc. 20 ft. over NE. slope.

43.00 Spur, projects N.; desc. 330 ft. over NW. slope.

64.40 Draw, drains SW.; enter dense timber; asc. 115 ft. over SE. slope.

75.90 Spur, projects SW.; desc. 10 ft. over NW. slope.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R8E

S17|S16

S20|S21

1958

Land, mountainous.

Soil, rocky sandy clay.

Timber, dense juniper and pinon.

Undergrowth, medium dense sagebrush, scattered oak, horse brush, bitter brush, silverleaf and grass.

N. 0° 03' W., bet. secs. 16 and 17.

Over mountainous land, through dense timber and medium undergrowth; asc. 375 ft. over SW. slope.

24.00 Spur, projects SW.; desc. 50 ft. over NW. slope.

37.70 Draw, drains SW.; asc. 25 ft. over S. slope.

40.00 Point for the ¼ sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R8E

S17|S16

1958

Asc. 35 ft. over S. slope.

46.00 Spur, projects E.; desc. 170 ft. over NE. slope.

58.90 Draw, drains NE.; asc. 90 ft. over SE. slope.

67.40 Spur, projects E., .70 lks. to rim of Fifty Mile Mountain.

67.55 Point selected for the witness cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R8E

S8|S9

S17|S16

W C

1958



38.2 .2 14 Section of the subdivision, T. 41 S., R. 8 E.

Chains

67.60	Desc. abruptly over series of ledges facing NE.
80.00	True point for the cor. of secs. 8, 9, 16 and 17 falls on an inaccessible shelf bet. two ledges facing NE. Land, mountainous. Soil, rocky, sandy clay. Timber, medium dense juniper and pinon. Undergrowth, medium dense sagebrush, scattered bitter brush, horse brush, silverleaf and grass.
	From the cor. of secs. 9, 10, 15 and 16. N. 89°57' W., bet. secs. 9 and 16. Over rolling desert bench land, through scattered timber and medium undergrowth; asc. 15 ft. over E. slope.
6.80	Spur, projects NE.; desc. 25 ft. over NW. slope.
24.10	Draw, drains NW.; asc. 30 ft. over E. slope.
27.20	Stock trail, bears NW. and SE.
32.80	Spur, projects N.; thence along gentle N. slope.
40.01	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd. T41S RBE $\frac{1}{4}$ $\frac{S 9}{S 16}$ 1958 Asc. 200 ft. over E. slope.
65.00	Base of steep ascent; asc. 300 ft. over badly broken NE. slope.
80.02	The true point for the cor. of secs. 8, 9, 16 and 17. From this point, the witness cor. of secs. 8, 9, 16 and 17 bears S. 0° 03' E., 12.45 chs. dist. Land, rolling and badly broken. Soil, rocky, sandy clay. Timber, medium juniper and pinon. Undergrowth, medium sagebrush, blackbrush, grass and weeds.
	From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the field notes of Tp. 42 S., R. 8 E. N. 0° 03' W., bet. secs. 32 and 33. Over broken desert bench land, through dense timber and scant undergrowth; asc. 15 ft. over S. slope.
1.50	Spur, projects W.; desc. 135 ft. along W. slope.
14.10	Draw, drains W.; asc. 85 ft. over S. slope.

Portion of the Subdivision, T. 41 S., R. 8 E.

Chains		ended
16.40	Spur, projects NW.; desc. 80 ft. over N. slope.	00.00
18.00	Draw, drains NW.; asc. 65 ft. over SW. slope.	00.00
20.20	Spur, projects NW.; desc. 150 ft. over N. slope.	
38.00	Draw, drains W. for 2.00 chs., thence SW.; asc. 130 ft. over S. slope.	
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33 falls on steep S. clay slope where the cor. cannot be perpetuated.	
	Asc. 50 ft. over steep S. slope.	
41.00	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 32 and 33.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T41S R8E $\frac{1}{4}$ S32 S33 W C 1958	
	Asc. 105 ft. over S. slope.	
57.70	Spur, projects SW.; desc. 55 ft. over N. slope.	
59.40	Draw, drains SW.; asc. 30 ft. over SE. slope.	
63.50	Spur, projects SW.; desc. 20 ft. over NW. slope.	
69.50	Small draw, drains SW.; asc. 85 ft. over SW. slope.	
80.00	Point for the cor. of secs. 28, 29, 32 and 33.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.	
	T41S R8E S29 S28 S32 S33 1958	
	Land, broken desert bench. Soil, rocky, sandy clay. Timber, dense juniper and pinon. Undergrowth, scant sagebrush, bitter brush, mountain rush and grass.	
	From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, N. $0^{\circ} 03' W.$ , bet. secs. 31 and 32.	
	Over rolling and broken desert bench land, through scattered timber and scant undergrowth; desc. 190 ft. over N. slope.	
9.90	Draw, drains W.; asc. 175 ft. over S. slope.	
23.30	Spur, projects SW.; desc. 40 ft. over NW. slope.	
38.50	Small draw, drains W.; asc. 20 ft. over SW. slope.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.	

Portion of the Subdivision, Tp. 41 S., R. 8 E.

Chains	
	<p>T41S R8E</p> <p>Asc. 40 ft. over SW. slope.</p>
44.50	Spur, projects W.; desc. 90 ft. over series of small spurs and draws putting to the N.
60.00	Draw, drains SW.; asc. 70 ft. over S. slope.
69.20	Spur, projects SW.; desc. 190 ft. over N. slope.
72.70	Draw, drains W.; asc. 125 ft. over S. slope.
77.00	Bench out of draw; asc. 15 ft. over W. slope.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p>T41S R8E S30 S29 S31 S32 1958</p> <p>Land, broken and rolling desert bench. Soil, rocky, sandy clay. Timber, scattered juniper. Undergrowth, scattered patches of blackbrush, scant sagebrush and grass.</p>
	<p>From the cor. of secs. 28, 29, 32 and 33.</p> <p>West, bet. secs. 29 and 32.</p> <p>Over broken desert bench land, through dense timber and scant undergrowth; desc. 190 ft. over W. slope.</p>
29.90	Draw, drains N.; asc. 30 ft. over E. slope.
32.00	Spur, projects NW.; desc. 70 ft. over W. slope.
39.96	Point for the ¼ sec. cor. of secs. 29 and 32.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p>T41S R8E ¼ S29 S32 1958</p> <p>Desc. 280 ft. over W. slope.</p>
69.90	Draw, drains SW.; asc. 85 ft. over SE. slope.
75.00	Top of rise out of wash; desc. 30 ft. over W. slope.
79.92	The cor. of secs. 29, 30, 31 and 32.

Chains

acres)

Land, broken desert bench.

Soil, rocky, sandy clay.

Timber, dense juniper and pinon on first 40.00 chs., scattered juniper and pinon the balance.

Undergrowth, scant sagebrush, shadscale, blackbrush and grass.

## GENERAL DESCRIPTION

The land in this township is mountainous and rough. The elevation varies from about 4400 ft. above sea level in Dry Rock Creek Canyon in the SW. cor. of the township to 7600 ft. above sea level on Kaiparowits Plateau which runs diagonally NW. and SE. through the SW. quarter of the township. Straigh Cliffs of Fifty Mile Mountain run through the township from the NW. cor. to sec. 23 and then S. and leave in sec. 34 on the S. bdy. The top of Straight Cliffs is the drainage divide. Dry Rock Creek and it's tributaries drain SW. The drainage on the N. of the Straight Cliffs in NE.

The soil is rocky to sandy clay with exposed sandstone ridges and ledges. There is scattered to dense juniper and pinon throughout the township with a medium undergrowth of sagebrush, bitter brush silverleaf, mountain rush and grass.

The main road from Escalante to Hole in the Rock enters the township in sec. 3 and runs SE. and S. through sec. 2 and E. through sec. 11 and leaves the township in sec. 12 on the E. bdy. There are no other improvements within the township and the land is used primarily for livestock grazing.

Access to the survey lines was provided by helicopters.



# CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 27th day of August, 1956 I have surveyed the east boundary and a portion of the subdivision of Township 41 South, Range 8 East of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 12, 1959

Salt Lake City, Utah

*Fred R. Chappell*

Fred R. Chappell, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

# CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1956,

I have ~~surveyed~~ supervised the survey of the east boundary and a portion of the subdivision of Township 41 South, Range 8 East.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 12, 1959

Salt Lake City, Utah

Vern E. Lane, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 9 1959, 19    

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of Township 41 South, Range 8 East, Salt Lake Meridian, Utah

executed by Fred R. Chappell, under the supervision of Vern E. Lane

having been critically examined and found correct, are hereby approved.

Donald O. Clement  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in~~  
~~is a true copy of the original field notes.~~

~~Cadastral Engineering Staff Officer.~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY OF

THE SOUTH BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 41 SOUTH, RANGE 8½ EAST

Of the SALT LAKE Meridian,

In the State of UTAH

EXECUTED BY

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Fred R. Chappell, Cadastral Surveyor

Boyd S. Owens, Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided  
for the surveys included under Group No. 408, approved November 8, 1956  
and assignment instructions dated May 7, 1958.

Survey commenced October 3, 1958

Survey completed October 9, 1958



# INDEX DIAGRAM

Township 41 South, Range 8 $\frac{1}{2}$  East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

\_\_\_\_ Fred R. Chappell  
 \_\_\_\_ Boyd S. Owens

16-56770-1

250 4  $\frac{1}{2}$

## Township 41 South, Range 8½ East

## Chains

The north boundary (Eighth Standard Parallel South) was surveyed concurrently and under Group 410 by Boyd S. Owens. The field notes thereof are included in the field notes of T. 40 S., R. 9 E.

The east boundary was surveyed concurrently and under Group 404 by Fred R. Chappell. The field notes thereof are included in the field notes of T. 40½ S., R. 9 E. and T. 41 S., R. 9 E.

The west boundary was surveyed concurrently and under Group 408 by Fred R. Chappell. The field notes thereof are included in the field notes of T. 41 S., R. 8 E.

The following field notes are those of the survey of the South boundary and a portion of the subdivision of T. 41 S., R. 8½ E. deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits Nos. 560147 and 541327 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 11' 37.0" N. and longitude 110° 57' 17.1" W., as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' East.

Chains	Notes
Beginning at the cor. of T. 41 N. and R. 8 E., mtd. by an iron post, 2 1/2 ins. diam., 14 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mtd.	East, bat. sec. 2 and 35, over gentle rolling desert land.
Point for the 1/4 sec. cor. of secs. 2 and 35, mtd. by an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mtd.	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mtd.
Descent 15 ft. over SE slope and the intersection of three washes; main wash, 60 yds. wide, 4 ft. deep, drains S. from N.; side washes drain from NW. and N. 20° E.; asc. 190 ft. over SW. slope.	Intersection of three washes; main wash, 60 yds. wide, 4 ft. deep, drains S. from N.; side washes drain from NW. and N. 20° E.; asc. 190 ft. over SW. slope.
N. edge of knoll, thence over rolling land sloping SW.	N. edge of knoll, thence over rolling land sloping SW.
Point for the cor. of secs. 1, 2, 35 and 36, mtd. by an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mtd.	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mtd.
Land, rolling desert. Soil, sandy clay. Timber, none. Undergrowth, medium black brush and grass.	Land, rolling desert. Soil, sandy clay. Timber, none. Undergrowth, medium black brush and grass.
East, bat. sec. 1 and 36, over broken desert land.	East, bat. sec. 1 and 36, over broken desert land.
Base of sandstone ledges, and 1420 ft. over a series of ledges facing SW.	Base of sandstone ledges, and 1420 ft. over a series of ledges facing SW.
W. rim of mesa, bears irregularly NW. and SE., thence over level mesa top.	W. rim of mesa, bears irregularly NW. and SE., thence over level mesa top.
Point for the 1/4 sec. cor. of secs. 1 and 36, mtd. by an iron post, 36 ins. long, 1 in. diam., over a cross on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mtd.	Point for the 1/4 sec. cor. of secs. 1 and 36, mtd. by an iron post, 36 ins. long, 1 in. diam., over a cross on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mtd.

T41S R8½E  
 1/4 S36  
 S 1  
 T42S  
 1958

T41S R8½E  
 1/4 S36  
 S 1  
 T42S  
 1958

## South Boundary, T. 41 S., R. 8½ E.

Chains	
71.50	<p>Entrance of mesa, bears NE, circling to the N. and SW., circling to the S.; desc. 75 ft. over ledgy E. slope.</p> <p>Point selected for the witness closing cor. of secs. 1 and 36., Tps. 41 and 42 S., R. 8½ E.</p> <p>Set an iron post, 36 ins. long, 1 in. diam., 4 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T41S, R8½E C S36 C S 1   S30 WC T42S 1958</p>
79.10	<p>Desc. 200 ft. over a series of ledges facing SE.</p>
80.00	<p>Intersect the W. bdy. of T. 41 S., R. 9 E.</p> <p>True point for the closing cor. falls on the face of sandstone ledge where the cor. cannot be perpetuated.</p> <p>From this point the ¼ sec. cor. of sec. 30, an iron post, 2½ ins. diam., conforming to the field notes of T. 41 S., R. 9 E., bears N. 1.04 chs. dist.</p> <p>Land, broken and rolling desert.</p> <p>Soil, sandy clay with broken and eroded sandstone.</p> <p>Timber, scattered juniper and pinon on the mesa top.</p> <p>Undergrowth, medium black brush, yellow brush, mountain rush, cacti and grass.</p>
	<p>Subdivision of T. 41 S., R. 8½ E.</p>
29.20	<p>From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp.</p> <p>N. 0° 01' W., bet. secs. 35 and 36.</p> <p>Over badly broken desert land; asc. 185 ft. over SW. slope.</p> <p>Base of sandstone dome; asc. 100 ft. over sandstone slick rock.</p>
30.10	<p>Saddle bet. sandstone domes; asc. 20 ft. over S. slope.</p>
39.80	<p>Point selected for the witness ¼ sec. cor. of secs. 35 and 36.</p> <p>Set an iron post, 36 ins. long, 1 in. diam., over a cross (X) mkd. on sandstone, in a mound of stone, 3 ft. base, 2 ft. high, with brass cap mkd.</p> <p style="text-align: center;">T41S, R8½E W.C. S36 S35 S36 1958</p>
40.00	<p>True point for the ¼ sec. cor. of secs. 35 and 36 falls on a steep W. slope of sandstone slick rock where the cor. cannot be perpetuated.</p>

## Chains

continued

00	At the true point; cut across (X) 6 ins. long and 2 ins. deep. 174
79.50	Asc. 850 ft. over a series of sandstone ledges sloping SW. 01.25
80.00	W. rim of sixty mile point, bears NE. and SW. 3.00 thence S. 01.25
	Point for the cor. of sec. 25, 26, 35 and 36, near mks
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R8 1/2 E
	S26   S25
	S35   S36
	1958
	Land, badly broken desert.
	Soil, sandy clay with broken and eroded sandstone.
	Timber, none.
	Undergrowth, medium black brush, mountain rush and grass.
12.60	Over gently rolling mesa top.
33.10	Small wash, drains S.; asc. 95 ft. over W. slope.
36.60	Top of ascent; desc. 65 ft. over gentle E. slope.
	Point selected for the witness 1/4 sec. cor. of secs. 25 and 36.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R8 1/2 E
	1/4 S25 W
	S36 C
	1958
36.70	E. rim of Sixty Mile Point, bears SE. and N. 30° W.; desc. 240 ft. over a series of ledges sloping NE.
39.99	True point for the 1/4 sec. cor. of secs. 25 and 36 falls on steep slope of a ledge where the cor. cannot be perpetuated; desc. 960 ft. over a series of ledges and sandstone slickerocks sloping NE.
79.98	Intersect the W. bdy of T. 41 S. R. 9 E. near mks
	At the point of intersection.
	Set an iron post, 18 ins. long, 1 in. diam., 10 ins. in the ground to solid rock, in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.
	T41S
	R8 1/2 E R9 E
	C S25   S19
	S36   S35
	1958

Subdivision of T. 41 S., R. 8 E.

Chains	
From this cor. the true point for the $\frac{1}{4}$ sec. cor. of sec. 19, T. 41 S., R. 8 E., bears N. 1.12 chs. dist.; from which	
Its witness cor., an iron post, 2½ ins. diam., conforming to the field notes of T. 41 S., R. 9 E., bears S. 6.40 chs. dist.	
Land, badly broken desert.	
Soil, sandy clay with exposed and broken sandstone.	
Timber, scattered dwarf juniper and pinon on mesa top.	
Undergrowth, scant black brush, cacti and grass.	
The point for the cor. of secs. 1 and 2 is on the Eighth Standard Parallel South and at a westing of 80.00 chs. from the NE. cor. of the Tp.	
Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.	
T40S R9E	
S31	
S2 S1	
T41S R8½E	
1958	
From this cor. the standard $\frac{1}{4}$ sec. cor. of sec. 31, an iron post, 2½ ins. diam., conforming to the field notes of T. 40 S., R. 9 E., bears East 9.90 chs. dist.	
The point for the $\frac{1}{4}$ sec. cor. of sec. 2 is on the Eighth Standard Parallel South and at a westing of 40.00 chs. from the cor. of secs. 1 and 2.	
Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.	
$\frac{1}{4}$ S2	
T41S R8½E	
From this cor. the standard cor. of Tps. 40 S., Rs. 8 and 9 E., an iron post, 2½ ins. diam., conforming to the field notes of T. 40 S., R. 8 E., bears East 9.90 chs. dist.	
From the cor. of secs. 1 and 2 on the N. bdy. of the Tp.	
S. 0° 01' E., bet. secs. 1 and 2.	
Over rolling desert land; asc. 25 ft. over N. slope.	
15.10 Sandstone knoll; desc. 120 ft. over S. slope.	
32.50 Draw, drains NE.; asc. 25 ft. over N. slope.	
51.75 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2.	

## Subdivision of T. 41 S., R. 8 E.

Chains	
45.45	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T41S R8½E S2 S1 1958
52.40	Asc. 80 ft. over N. slope of Davis Gulch; desc. 115 ft. over S. slope. Sandstone spur, projects E.; desc. 115 ft. over S. slope.
67.10	Rim of Davis Gulch, bears NE. and SW.; desc. 150 ft. over nearly vertical ledges.
69.00	Bottom of Davis Gulch, drains SW.
73.00	Recross Davis Gulch, drains SE.; asc. 170 ft.
73.80	Rim of Davis Gulch, bears E. and NW.
75.00	Narrow sandstone draw, 150 ft. deep, drains E.; asc. about 200 ft. over broken NE. slope.
91.75	Point for the cor. of secs. 1, 2, 11 and 12. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T41S R8½E S2 S1 S11 S12 1958
	Land, broken and rolling desert. Soil, sandy clay with exposed sandstone. Timber, none. Undergrowth, medium black brush, cacti and grass.
	West, bet. secs. 2 and 11. Over rolling desert land; desc. 45 ft. along a N. slope.
13.10	Draw, drains N. 80° E. from NW.; asc. 60 ft. over E. slope.
20.10	Sandstone knoll; desc. 25 ft. over W. slope.
27.70	Bottom of descent; asc. 60 ft. over E. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T41S R8½E S2 S11 S12 1958
41.46	The cor. of secs. 1, 2, 11 and 12, on the W. bdy., an iron post, 2½ ins. diam., conforming to the field notes of T. 41 S., R. 8 E. Land, broken and rolling desert. Soil, sandy clay, with exposed sandstone.

## Township 41 South, Range 8½ East

Chains

Timber, none.

Undergrowth, medium black brush, cacti and grass.

## General Description

The land in the township varies from the high broken mesa of Sixty Mile Point in the south to the rolling desert land in the north. The township is cut by several steep sided and box canyons. The drainage is all to the south and southeast into the Colorado River. The soil is principally a sandy clay with broken and eroded sandstone. There is a scattered growth of dwarf juniper and pinon on the mesa top of Sixty Mile Point. The undergrowth is mainly black brush, with lesser amounts of mountain rush, cacti, bitter brush, silver leaf and grass. There are no permanent habitants in the township.

A considerable amount of prospecting for fissionable minerals has been carried on in the area. The northwest portion of the township is accessible to motor vehicle and access to the balance of the township was provided by helicopter.





CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959 I have surveyed ~~xx portion of~~ the south boundary and a portion of the subdivision of T. 41 S., R. 8½ E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah  
May 7, 1959

Boyd S. Owens  
Boyd S. Owens  
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_  
executed by \_\_\_\_\_  
having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.



# CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959, I have surveyed a portion of the subdivision of T. 41 S., R. 8½ E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah  
May 7, 1959

*Fred R. Chappell*  
Fred R. Chappell  
Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.


# CERTIFICATE OF CADASTRAL ENGINEER

205

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959 I have ~~surveyed~~ supervised the survey of the south boundary and a portion of the subdivision of T. 41 S., R. 8½ E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed under my supervision ~~by me and under my direction~~; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah  
May 7, 1959

  
Vern E. Lane  
Cadastral Surveyor (Chief of Party)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., OCT 9 1959, 1959

The foregoing field notes of the survey of the south boundary and a portion of the subdivision of T. 41 S., R. 8½ E., SIM, Utah

executed by Fred R. Chappell and Boyd S. Owens, Cadastral Surveyors, under the supervision of Vern E. Lane, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.

  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 41 S. R. 8½ E., SIM, Utah, is a true copy of the original field notes.

Cadastral Engineering Staff Officer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ORIGINAL

# FIELD NOTES

OF THE SURVEY

OF

THE SOUTH AND WEST BOUNDARIS,

A PORTION OF THE SUBDIVISION

AND

A PORTION OF THE MEANDERS OF THE

COLORADO RIVER AND THE SAN JUAN RIVER

IN

TOWNSHIP 41 SOUTH, RANGE 9 EAST

Of the Salt Lake Meridian,

in the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Fred R. Chappell - Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided  
for the surveys included under Group No. 404, approved November 7, 1956  
and assignment instructions dated May 7, 1958.

Survey commenced August 22, 1958.

Survey completed October 9, 1958.

# INDEX DIAGRAM

Township 41 South, Range 9 East

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16-50770-1

Meanders of the Colorado River - Pages 27 and 28

Meanders of the San Juan River - Pages 28, 29 and 30

## Township 41 South, Range 9 East

Chains

The north and east boundaries of Tp. 41 S., R. 9 E. of the ~~Sale Lake Meridian~~, Utah, were surveyed concurrently under this same group and are described in the field notes of the survey of Tp. 40½ S., R. 9 E. and Tp. 41 S., R. 10 E., respectively.

The following field notes are those of the survey of the south and ~~west~~ boundaries and a portion of the subdivision, deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections normally considered State school land.

The survey was executed with a W. and L. E. Gurley solar transit, serial number 541327, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 10' 19.0" N. and longitude 110° 50' 47.2" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 30' E.



South Boundary of T. 41 S., R. 9 E.

Chains		and
	Beginning at true point for the cor. of Tps. 41 and 42 S., Rs. 9 and 10 E., which falls in the Colorado River. From this point, the meander cor. of secs. 31 and 36 bears N. 2 1/2° E. 1/2 mi. dist., an iron post, 2 1/2 ins. diam., described in the field notes of T. 42 S., R. 10 E.	
	West, bet. secs. 1 and 36.	
	Over Colorado River, course SW.	
4.90	Point for the meander cor. of secs. 1 and 36 falls on a steep cut bank of river, bears SW. and NE. and cannot be monumented.	
5.34	Point selected for the witness meander cor. of secs. 1 and 36.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.	
	<div>T41S R9E S36 S 1 / WMC T42S 1958</div>	
	Over badly broken desert land; asc. 640 ft. over ledgy SE. slope.	
17.70	Top of ledges and rim of nearly level bench, bears NE. and SW.	
40.00	Point for the 1/2 sec. cor. of secs. 1 and 36.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	<div>T41S R9E 1/2 S36 S 1 T42S 1958</div>	
	Cor. is located on rim facing W.	
	Desc. 255 ft. over ledgy W. slope.	
46.95	Point selected for the witness meander cor. of secs. 1 and 36.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.	
	<div>T41S R9S S36 WMC / S 1 T42S 1958</div>	
	Thence by triangulation, with topography estimated from U.S.G.S. map; desc. 380 ft. over ledgy W. slope.	
52.00	Right bank of the San Juan River. True point for the meander cor. of secs. 1 and 36 falls on the face of a sandstone ledge where the cor. cannot be perpetuated; thence over surface of San Juan River, course N.	

South Boundary of T. 42 S., R. 9 E.

Chains	
57.20	Point for the meander cor. of secs. 6 and 31 is on the inaccessible left bank of the San Juan River, bank bears N. and S.; asc. 420 ft. abruptly over ledges facing E.
61.65	<p>Point selected for the witness meander cor. of secs. 1 and 36.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <div><div>T41S R9E S36 S 1</div>WMC<div>T42S 1958</div></div> <p>The witness cor. is located on E. rim of a point extending N. Thence by chaining desc. 140 ft. over W. slope.</p>
65.82	<p>Point selected for the witness meander cor. of secs. 1 and 36.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <div><div>T41S R9E S36 S 1</div>WMC<div>T42S 1958</div></div> <p>The witness cor. is located on W. rim of a point extending N. Thence by triangulation; desc. 400 ft. over ledgy W. slope.</p>
71.10	<p>Point for the meander cor. of secs. 6 and 31 falls on the inaccessible left bank of the San Juan River, course S.</p> <p>Thence over the San Juan River, course S.</p>
74.02	<p>Right bank of the San Juan River, bears N. and S.</p> <p>Point for the meander cor. of secs. 1 and 36.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <div><div>T41S R9E S36 S 1</div>MC<div>T42S 1958</div></div> <p>Asc. 450 ft. over series of ledges sloping to the E.</p>
79.30	Top rim of ledges, bears N. and S.; thence by chaining.
80.00	<p>Point for the cor. of secs. 1, 2, 35 and 36.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p>

Chains

S. 10.00

T41S R9E

S35 S36

S 2 S 1

T42S

1958

Land, badly broken desert.

Soil, rocky sandy clay, with broken and exposed sandstone.

Timber, none; undergrowth, medium blackbrush and scant grass.

West, bet. secs. 2 and 35.

Over broken desert land; asc. 155 ft. over E. slope.

- 5.80 E. rim of bench, bears N. and S.
- 26.90 W. rim of bench, bears NE. and SW.; desc. 215 ft. over ledgy W. slope
- 35.71 Point selected for the witness meander cor. of secs. 2 and 35.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S  
R9E  
WMC S35  
S 2  
T42S  
1958

Thence by triangulation, with topography approximate as scaled from a U. S. G. S. map; desc. 255 ft. over a ledgy W. slope.

- 38.00 Right bank of the San Juan River, course N. 15° W. True point for the meander cor. of secs. 2 and 35 falls on the face of vertical ledge where the cor. cannot be monumented.

Thence over surface of San Juan River.

- 43.06 Left bank of river, bears N. 20° W. and S. 20° E.

Point for the meander cor. of secs. 2 and 35.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S  
R9E  
S35 MC  
S 2  
T42S  
1958

Asc. 860 ft. over ledge sloping to the E.

- 51.00 Rim of ledges, bears N. 10° W. and S. 10° E.; thence by chaining asc. 80 ft. over E. sandstone slope.

- 56.40 S. slope of sandstone knob; desc. 275 ft. over a W. sandstone slope.

- 77.80 Point selected for the witness cor. of secs. 2, 3, 34 and 35.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

U.S. GEOLOGICAL SURVEY, BUREAU OF LAND SURVEY, ALBUQUERQUE, N.M.

Chains

T418 R9E

S34 S25

S 34 S 2

W C

T428

1958

Deposit charcoal at the base of the post.

Asc. 80 ft. over E. slope of sandstone slickrock.

80.00 True point for the cor. of secs. 2, 3, 34 and 35 falls on a steep E. slope of sandstone slickrock, where the cor. cannot be perpetuated.

Land, badly broken desert.

Soil, sandy loam with the greater portion broken and eroded sandstone.

Timber, none; undergrowth, scant blackbrush and grass.

West, bet. secs. 3 and 34.

Over broken and eroded sandstone; asc. 510 ft. over E. slope.

39.00 Sandstone ridge, bears NE. and SW.; desc. 40 ft. over a W. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R9E

S34

S 3

T428

1958

Desc. 130 ft. over series of sandstone ribs and knobs putting to the E.

58.60 Point selected for witness point of secs. 3 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

S34

S 3

W P

1958

Cor. is located on a rim of ledges bearing NE. and SW., 1120 ft. above the Colorado River.

Thence by triangulation, with topography approx. as scaled from a U.S.G.S. map; desc. 960 ft. over series of nearly vertical ledges facing NW.

80.00 Point for the cor. of secs. 3, 4, 33 and 34 falls on the face of a nearly vertical ledge, where the cor. cannot be perpetuated.

Land, badly broken desert.

Soil, broken and eroded sandstone, with sand pockets.

Timber, none; undergrowth, widely scattered blackbrush, cacti and grass.

Chains

West, bet. secs. 4 and 33.

Over badly broken desert land; desc. 160 ft. over ledges.

2.00 Approx. position of the left bank of the Colorado River, course SW. about 3.00 chs. thence W.

Thence W. along the river.

39.00 Approx. position of the left bank of the Colorado River, course NW.

40.00 Point for the  $\frac{1}{2}$  sec. cor. of secs. 4 and 33 falls on inaccessible ledges facing NE.

Asc. 900 ft. over nearly vertical ledges sloping NE.

45.50 Rim of ledges above river, bears NW. and SE., thence by chaining.

45.98 Point selected for the witness  $\frac{1}{2}$  sec. cor. of secs. 4 and 33.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R9E

 $\frac{1}{2}$  S33

S 4

T42S

W C

1958

Desc. 510 ft. over a series of sandstone ribs and knobs sloping W.

67.70 Sandstone draw, drains S.; asc. 60 ft. over E. sandstone slope.

71.50 Sandstone spur, projects S.  $70^{\circ}$  W.; desc. 60 ft. over E. sandstone slope.

80.00 Point for the cor. of secs. 4, 5, 32 and 33.

Set an iron post, 15 ins. long, 1 in. diam., drilled 7 ins. in sandstone, with brass cap mkd.

T41S R9E

S32 S33

S 5 S 4

T42S

1958

Land, badly broken desert.

Soil, broken and eroded sandstone, with small sand pockets.

Timber, none; undergrowth, widely scattered blackbrush, cacti and grass.

West, bet. secs. 5 and 32.

Over badly broken desert land; asc. 40 ft. over E. slope.

2.60 E. slope of sandstone knob; desc. 640 ft. over a series of ledges sloping to the W.

23.75 Left bank of the Colorado River, bank bears N. and S.

Point for the meander cor. of secs. 5 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.

## South Boundary of T. 41 S., R. 9 E.

## Chains

T41S  
R9E  
S32  
S 5  
T42S  
1958

Deposit charcoal at base of post.

Thence by triangulation across the Colorado River, course S.

36.31 Right bank of river, bears N. and S.

Point for the meander cor. of secs. 5 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S  
R9E  
S32  
S 5  
T42S  
1958

Thence by triangulation, with topography approx. as scaled from a U.S.G.S. map; asc. 400 ft. over ledges sloping to the SE.

40.00 Point for the ¼ sec. cor. of secs. 5 and 32, falls on the SE. face of a sandstone ledge, where the cor. cannot be perpetuated.

Asc. 260 ft. over ledges sloping SE.

50.60 Rim of ledges bears N. 80° E. and SW.; thence by chaining.

50.85 Point selected for the witness ¼ sec. cor. of secs. 5 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R9E  
¼ S32  
S 5  
T42S  
W C  
1958

Desc. 150 ft. over a W. sandstone slope.

65.00 Sandstone draw, drains NW.; asc. 100 ft. over E. sandstone slope.

80.00 Point for the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 15 ins. long, 1 in. diam., drilled 7 ins. in sandstone, with brass cap mkd.

T41S R9E  
S31 S32  
S 6 S 5  
T42S  
1958

Land, badly broken desert.

Soil, broken and eroded sandstone, with sand in the river bottom. Timber, none; undergrowth, widely scattered blackbrush, cacti and grass, with willows along the river bottom.

Chains

mnd)

West, bet. secs. 6 and 31.

Over broken desert land; asc. 240 ft. over E. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 6 and 31.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R9E

 $\frac{1}{4}$  S31

S 6

T42S

1958

44.00 Base of steep ascent, bears N.  $20^{\circ}$  W. and S.  $20^{\circ}$  E.; asc. 1200 ft. abruptly over ledgy NE. slope.

68.70 E. rim of Sixty Mile Point, bears NW. and SE.; asc. 25 ft. over gentle SE. slope.

78.40 Point for the cor. of Tps. 41 and 42 S., R. 9 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S

R9E

S31

S 6

T42S

1958

Land, broken desert.

Soil, rocky sandy clay.

Timber, none; undergrowth, medium blackbrush, scant cacti and grass.

## West Boundary of T. 41 S., R. 9 E.

From the cor. of Tps. 41 and 42 S., R. 9 E.

North, along the W. bdy. of sec. 31.

Over badly broken desert land, through scattered timber and scant undergrowth; asc. 230 ft. over SE. slope.

28.07 Point selected for the witness  $\frac{1}{4}$  sec. cor. of sec. 31.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S

R9E

 $\frac{1}{4}$  S31

W C

1958

28.20 Rim of Sixty Mile Point, bears NW. and E. for .50 lks., thence SE.; desc. 1320 ft. to sec. cor., along badly broken series of ledges facing NE.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of sec. 31 falls on inaccessible ledges facing NE.

## West Boundary of T. 41 S., R. 9 E.

## Chains

80.00	Point for the cor. of secs. 30 and 31. On a small spur projecting E. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;">T41S R9E S30 S31 1958</div> Land, badly broken desert. Soil, rocky sandy clay, with broken and eroded sandstone. Timber, widely scattered dwarf juniper. Undergrowth, scant blackbrush, mountain rush and grass.
	North, along the W. bdy. of sec. 30. Over badly broken desert land; asc. 1150 ft. over a series of ledges facing SE.
38.96	Point for the closing cor. of Ts. 41 and 42 S., R. 8½ E., from which its witness cor. bears W., 90 lks. dist., an iron post, 2½ ins. diam., described in the field notes of Tp. 41 S., R. 8½ E.
39.50	Rim of Sixty Mile Point, bears E. and W.
40.00	Point for the ¼ sec. cor. of sec. 30. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. <div style="text-align: center;">T41S R9E ¼ S30 1958</div> Desc. 55 ft. along broken E. face of rim.
59.40	Leave rim of Sixty Mile Point, bears W. and S. irregularly; desc. 1005 ft. over a series of ledges facing NE.
80.00	Point for the cor. of secs. 19 and 30 falls on a steep S. clay slope where the cor. cannot be perpetuated. Land, badly broken desert. Soil, rocky sandy clay. Timber, none; undergrowth, scant blackbrush, mountain rush, cacti and grass.
	North, along the W. bdy. of sec. 19. Over broken desert land; asc. 25 ft. over S. slope.
0.60	Point selected for the witness cor. of secs. 19 and 30. On a small spur projecting E. Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.



West Boundary of T. 41 S., R. 9 E.

Chains	
	T41S R9E S19 S30 W.C. 1958
	Desc. 10 ft. over N. slope.
2.80	Small draw, drains E.; asc. 60 ft. over S. slope.
5.30	Spur, projects E.; desc. 110 ft. over N. slope.
14.20	Draw, drains E.; asc. 50 ft. over S. slope.
23.50	Spur, projects N. 80° E.; desc. 70 ft. over NE. slope.
28.00	Draw, drains E.; asc. 60 ft. over a S. slope.
33.60	Point selected for the witness $\frac{1}{4}$ sec. cor. of sec. 19. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T41S R9E S19 W.C. 1958
	Asc. 100 ft. over nearly vertical sandstone spires.
40.00	True point for the $\frac{1}{4}$ sec. cor. of sec. 19 falls on the steep E. slope of a sandstone spire where the cor. cannot be perpetuated.
	Asc. 140 ft. over sandstone slickrock.
46.00	Sandstone spur, projects E.; desc. 240 ft. over N. slope of sandstone slickrock.
54.00	Base of steep descent; desc. 160 ft. over NE. slope.
80.00	Point for the cor. of secs. 18 and 19. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R9E S18 S19 1958
	Land, badly broken desert. Soil, rocky, sandy clay with broken and eroded sandstone. Timber, widely scattered dwarf juniper. Undergrowth, scant blackbrush, mountain rush, grass and cacti.
	North, along the W. bdy. of sec. 18.
	Over broken rolling desert land; desc. 155 ft. over N. slope.
9.80	Draw, drains E.; asc. 200 ft. over S. slope.

## West Boundary of T. 41 S., R. 9 E.

## Chains

28.90 Spur, projects E.; desc. 160 ft. over N. slope.

36.50 Draw, drains E.; asc. 15 ft. over SE. slope.

39.20 Sandstone spur, projects E.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of sec. 18 falls on a steep N. slope of sandstone slickrock, where the cor. cannot be perpetuated.

40.80 Point selected for the witness  $\frac{1}{4}$  sec. cor. of sec. 18.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S

R9E

$\frac{1}{4}$

S18

W C

1958

Desc. 100 ft. over a N. sandstone slope.

49.00 Cottonwood Gulch, drains E.; asc. 240 ft. over S. sandstone slope.

79.94 Point selected for the cor. of secs. 7 and 18.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S

R9E

S 7

S18

W C

1958

80.00 True point for the cor. of secs. 7 and 18 falls on a steep N. slope of sandstone slickrock, where the cor. cannot be perpetuated.

Land, rolling and broken desert.

Soil, eroded sandstone, with sandy loam in the swales and pockets.

Timber, none; undergrowth, scant blackbrush, cacti and grass.

North, along the W. bdy. of sec. 7.

Over rolling desert land; asc. 25 ft. over S. sandstone slope.

1.50 Sandstone spur, projects W.; desc. 85 ft. over N. slope.

39.30 Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S

R9E

$\frac{1}{4}$

S 7

W C

1958

40.00 True point for the  $\frac{1}{4}$  sec. cor. of sec. 7 falls on the N. slope of a nearly vertical sandstone ledge, where the cor. cannot be perpetuated

Desc. 100 ft. over sandstone ledge.

## West Boundary of T. 41 S., R. 9 E.

Chains		ended
43.00	Llewellyn Gulch, drains E.; asc. 160 ft. over S. sandstone slope.	00.00
75.40	Sandstone spur, projects W.; desc. 70 ft. over N. slope.	00.00
78.60	Draw, drains SE.; asc. 30 ft. over SE. slope.	00.00
80.00	Point for the cor. of secs. 6 and 7.	00.00

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S

R9E

S 6

S 7

1958

Land, rolling desert.  
Soil, eroded sandstone, with sandy loam in the swales.  
Timber, none; undergrowth, scant blackbrush and grass.

North, along the W. bdy. of sec. 6.

Over rolling desert land; asc. 210 ft. over a gentle S. slope.

30.50 Sandstone rib, bears E. and W.; desc. 30 ft. over N. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of sec. 6.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S

R9E

 $\frac{1}{4}$ 

S 6

1958

Deposit charcoal at the base of the post.

Asc. 60 ft. over gentle S. slope.

55.00 Bladed road, Escalante to Hole in the Rock, bears NE. and SW.

60.00 Spur ridge, bears E. and W.; desc. 60 ft. over N. slope.

79.59 The closing cor. of Tps. 40 $\frac{1}{2}$  and 41 S., R. 9 E., an iron post,  $2\frac{1}{2}$  ins. diam., set, mkd. and witnessed as described in the field notes of Tp. 40 $\frac{1}{2}$  S., R. 9 E.

Land, gently rolling desert.

Soil, sandy loam, with exposed sandstone.  
Timber, none; undergrowth, medium blackbrush, mountain rush and grass.

## Portion of the Subdivision, T. 41 S., R. 9 E.

Beginning at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township.

N. 0° 01' W., bet. secs. 35 and 36.

## Portion of the Subdivision, T. 41 S., R. 9 E.

## Chains

Over badly broken desert land; desc. 400 ft. over a series of nearly vertical ledges facing E.

23.70 Right bank of the San Juan River, banks bear NW. and S. 40° E.

Point for the meander cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

M C  
S35|S36  
T41S R9E  
1958

Thence over the San Juan River, course S. 40° E.

29.70 Left bank of the San Juan River, banks bear NW. and SE.

Point for the meander cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S R9E  
S35|S36  
M C  
1958

Deposit charcoal at base of post.

Asc. 360 ft. over series of ledges facing SW.

40.00 Point for the ¼ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R9E  
¼  
S35|S36  
1958

Cor. is located on ledgy W. slope.

Desc. 360 ft. over a ledgy NW. slope.

51.03 Left bank of the San Juan River, banks bear SW. and E.

Point for the meander cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

M C  
S35|S36  
T41S R9E  
1958

Thence over San Juan River, course S. 70° W.

55.00 Right bank of the San Juan River, banks bear SW. and NE.

## Portion of the Subdivision, T. 41 S., R. 9 E.

Chains	
	True point for the meander cor. of secs. 35 and 36 falls on a nearly vertical ledge, where the cor. cannot be perpetuated.
	Asc. 140 ft. over ledgy S. slope.
58.70	Point selected for the witness meander cor. of secs. 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. <div style="text-align: center;">T41S R9E S35 S36 M C 1958</div>
	Asc. 300 ft. over series of ledges facing SE.
63.00	Sandstone rim, facing SE., bears SW. and NE.; thence over nearly level land.
68.20	Sandstone rim, bears NE. and SW.; desc. 210 ft. over ledgy NW. slope.
71.82	Point selected for the witness meander cor. of secs. 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd. <div style="text-align: center;">W M C S35 S36 T41S R9E 1958</div>
	Thence by triangulation desc. 310 ft. over ledgy NW. slope.
76.00	Right bank of the San Juan River; banks bear NE. and SW. True point for the meander cor. of secs. 35 and 36 falls on the face of a nearly vertical sandstone ledge, where the cor. cannot be perpetuated. Thence over the San Juan River, course NE.
80.00	Point for the cor. of secs. 25, 26, 35 and 36 falls in the San Juan River. Land, badly broken desert. Soil, rocky sandy loam, with broken and eroded sandstone. Timber, none; undergrowth, scant blackbrush, cacti and grass.
	From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township, an iron post, 2½ ins. diam., described in the field notes of Tp. 41 S., R. 10 E. N. 89° 58' W., bet. secs. 25 and 36. Over broken desert land; desc. 30 ft. over W. slope.
8.00	Swale drains N.; asc. 15 ft. over gentle E. slope.
13.00	Sandstone rim, 100 ft. high, faces W., bears NE. and SW.; desc. 200 ft. over W. slope.
23.50	Draw, drains SW.; asc. 80 ft. over SE. slope.
33.70	Point selected for the witness ¼ sec. cor. of secs. 25 and 36.

Portion of the Subdivision, T. 41 S., R. 9 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R9E

$\frac{S25}{S36}$

W C

1958

Asc. 100 ft. over series of sandstone ribs and knobs.

39.99 True point for the ¼ sec. cor. of secs. 25 and 36 falls on the steep slope of a sandstone knob, where the cor. cannot be perpetuated.

Asc. 80 ft. over sandstone ribs and knobs.

57.00 Sandstone spur, projects SW.; desc. 420 ft. over badly broken W. slope.

72.13 Point selected for the witness meander cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

WMC  $\frac{S25}{S36}$

T41S R9E

1958

The witness meander cor. is located on a high rim facing NW.

Desc. 240 ft. over series of ledges sloping NW.

76.79 True point for the meander cor. of secs. 25 and 36 falls at the base of a nearly vertical ledge, where the cor. cannot be perpetuated.

Thence over the San Juan River, course NW.

79.98 The true point for the cor. of secs. 25, 26, 35 and 36, in the San Juan River.

Land, badly broken desert.

Soil, rocky sandy loam, with broken and eroded sandstone.

Timber, none; undergrowth, scant blackbrush, cacti, grass and weeds.

Beginning at the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township.

N. 0° 03' W., bet. secs. 32 and 33.

Over badly broken desert land; desc. 480 ft. over series of ledges sloping to the N.

31.20 Left bank of the Colorado River, at mean high water level, bank bears N. 80° W. and S. 80° E.

Point for the meander cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

M C

$\frac{S32}{S33}$

T41S R9E

1958

## Portion of the Subdivision, T. 41 S., R. 9 E.

Chains

amind

Deposit charcoal at the base of the post.

Thence by triangulation, across the river flowing N. 80° W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 32 and 33 falls in river.

40.71 Right bank of river, at mean high water level, bank bears N. 80° W. and S. 80° E.

Point for the meander cor. of secs. 32 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R9E

S32|S33

M C

1958

Asc. 80 ft. over S. slope.

43.50 Base of sandstone ledges; asc. 160 ft. over ledges.

49.00 Top rim of ledges, bears N. 80° E. and W.; asc. 280 ft. over sandstone slickrock, sloping to the S.

80.00 Point for the cor. of secs. 28, 29, 32 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R9E

S29|S28

S32|S33

1958

Land, badly broken desert.

Soil, sandstone, with sand along the river bottom.

Timber, none; undergrowth, sagebrush, grass and willows along the river bottom.

N. 0° 03' W., bet. secs. 28 and 29.

Over badly broken desert land; asc. 95 ft. along SE. sandstone slope.

11.00 S. rim of Cottonwood Gulch, bears NW. and SE.; thence by triangulation with topography approx. as scaled from a U.S.G.S. topographic map, desc. approx. 400 ft. over nearly vertical ledges.

20.40 Bottom of Cottonwood Gulch, drains irregularly E.; asc. 340 ft. over ledges.

29.50 Sandstone spur, projects W. approx 5.00 chs. to end; desc. 300 ft. over nearly vertical ledges.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 28 and 29 falls in inaccessible gulch, draining S. 70° W.; asc. 320 ft. over nearly vertical ledges facing W.61.49 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 28 and 29.

## Portion of the Subdivision, T. 41 S., R. 9 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R9E

S29↓S28

W C

1958

Cor. is established on the S. rim of a sandstone spur.

Thence by chaining.

62.50 Sandstone spur, projects W.; desc. 160 ft. along broken NW. sandstone slope.

75.00 Sandstone draw, drains W.; asc. 80 ft. over a broken SW. slope.

80.00 Point for the cor. of secs. 20, 21, 28 and 29 falls on the SW. face of a sandstone ledge, where the cor. cannot be perpetuated.

Land, badly broken desert.

Soil, exposed and eroded sandstone, with sand in the bottom of the gulches.

Timber, none; undergrowth, willows, grass and weeds in the gulch bottoms.

N. 0° 03' W., bet. secs. 20 and 21.

Over badly broken desert land; asc. 60 ft. over ledgy SW. slope.

4.50 Point selected for the witness cor. of secs. 20, 21, 28 and 29.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R9E

S20↓S21

S29↓S28

W C

1958

Asc. 250 ft. over SW. slope.

29.60 Top of sandstone knob; desc. 120 ft. over N. sandstone slope.

39.90 Point selected for the witness ¼ sec. cor. of secs. 20 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R9E

S20↓S21

W C

1958

40.00 True point for the ¼ sec. cor. of secs. 20 and 21 falls in the bottom of a sandstone draw, course SW., where the cor. cannot be perpetuated.

Asc. 40 ft. over S. slope.

47.00 Small sandstone spur, projects W.; desc. 50 ft. over N. slope.

52.00 Draw, drains W.; asc. 50 ft. over S. slope.



Portion of the ~~S~~ubdivision, T. 41 S., R. 9 E.

Chains

57.40 Sandstone spur, projects W.; desc. 60 ft.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R9E

S17|S16

S20|S21

1958

Land, broken desert.

Soil, sandstone, with scattered patches of sand.

Timber, none; undergrowth, widely scattered blackbrush, cacti and grass.

N.  $0^{\circ} 03'$  W., bet. secs. 16 and 17.

Over broken sandstone formations sloping W.; asc. 55 ft. over

3.30 Sandstone spur, projects W.; desc. 50 ft. along NW. slope.

8.80 Head of draw, drains SW.; asc. 100 ft. over S. slope.

16.40 E. slope of sandstone knob, bears W. for 5 chs.; desc. 130 ft. over N. slope.

24.10 Bottom of small swale; asc. 60 ft.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R9E

S17|S16

1958

Asc. 10 ft. over S. slope.

51.40 Sandstone spur, projects W.; desc. 280 ft. over sandstone slickrock and ledges sloping N.

59.00 S. rim of Llewellyn Gulch, bears N.  $80^{\circ}$  W. and S.  $80^{\circ}$  E.; desc. 280 ft. abruptly.

66.50 Bottom of Llewellyn Gulch, drains irregularly E.; asc. 320 ft. over S. slope of badly broken sandstone.

74.00 N. rim of gulch, bears NW. and E. on curve to NE.; asc. over S. slope.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 14 ins. long, 1 in. diam., drilled 6 ins. in solid sandstone, with brass cap mkd.

T41S R9E

S 8|S 9

S17|S16

1958

Section of the Subdivision T. 41 S., R. 9 E.

Land, broken and rolling desert.  
Soil, sandy loam and sandstone.  
Timber, none; undergrowth, scattered blackbrush and grass in the sand pockets.

N. 0° 03' W., bet. secs. 8 and 9.

Over broken desert land; asc. 145 ft. over S. sandstone slope.

11.90 Sandstone rib, slopes W.; thence over a series of sandstone ribs and knobs.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 8 and 9.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3 $\frac{1}{2}$  ft. base to top, with brass cap mhd.

T41S R9E

$\frac{1}{4}$   
S 8 | S 9  
1958

Asc. 150 ft. over gentle S. slope.

80.00 Point for the cor. of secs. 8 and 9.

Set an iron post, 14 ins. long, 1 in. diam., drilled 6 ins. in solid sandstone, with brass cap mhd.

T41S R9E

S 5 | S 4  
S 8 | S 9  
1958

Land, rolling desert.  
Soil, sandstone, with pockets of sand.  
Timber, none; undergrowth, blackbrush and grass in sand pockets.

N. 0° 03' W., bet. secs. 4 and 5.

Over gently rolling desert land; asc. 30 ft. over S. slope.

10.00 Thence over nearly level blackbrush covered top of bench.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 4 and 5.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mhd.

T41S R9E

$\frac{1}{4}$   
S 5 | S 4  
1958

Deposit charcoal at base of post.

Desc. 20 ft. over gentle N. slope.

56.00 Bottom of scale; asc. 90 ft. over S. slope.

79.32 Intersect the S. bdy. of sec. 33, T. 40 $\frac{1}{2}$  S., R. 9 E., at the point for the closing cor. of secs. 4 and 5.

## Portion of the Subdivision, T. 41 S., R. 9 E.

Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground with brass cap mkd.

7  
T40 $\frac{1}{2}$ S R9E

S33

S 5 | S 4

C C

T40S R9E

1958

Deposit charcoal at base of iron post.

From this closing cor., the standard  $\frac{1}{4}$  sec. cor. of sec. 33, T. 40 $\frac{1}{2}$  S., R. 9 E., bears E., 5.58 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., set, mkd. and witnessed as described in the field notes of T. 40 $\frac{1}{2}$  S. R. 9 E.

Land, gently rolling desert.

Soil, sandy loam, with exposed sandstone.

Timber, none; undergrowth, medium blackbrush, cacti and grass.

The point for the cor. of secs. 1 and 2 is on the S. bdy. of sec. 36 T. 40 $\frac{1}{2}$  S., R. 9 E. and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 4 and 5.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground to solid rock, and in a mound of stone,  $2\frac{1}{2}$  ft. base to top, with brass cap mkd.

T40 $\frac{1}{2}$ S R9E

S36

S 2 | S 1

T41S R9E

1958

From this cor., the standard  $\frac{1}{4}$  sec. cor. of sec. 36, T. 40 $\frac{1}{2}$  S., R. 9 E., bears E., 5.52 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., set, mkd. and witnessed as described in the field notes of the survey of Tps. 40 $\frac{1}{2}$  S., R. 9 E.

The point for the  $\frac{1}{4}$  sec. cor. of sec. 2 is on the S. bdy. of sec. 35, T. 40 $\frac{1}{2}$  S., R. 9 E., and at midpoint on the N. bdy. of sec. 2.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

$\frac{1}{4}$  S 2

T41S R9E

1958

From this cor., the standard cor. of secs. 35 and 36, T. 40 $\frac{1}{2}$  S., R. 9 E., bears E., 5.53 chs. dist., an iron post,  $2\frac{1}{2}$  ins. diam., set, mkd. and witnessed as described in the field notes of the survey of T. 40 $\frac{1}{2}$  S., R. 9 E.

The point for the cor. of secs. 2 and 3 is on the S. bdy. of sec. 35, T. 40 $\frac{1}{2}$  S., R. 9 E. and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 4 and 5.

Set an iron post, 15 ins. long, 1 in. diam., drilled 6 ins. in sandstone, with brass cap mkd.

1 P. 7 2 Portion of the Subdivision, T. 40 S., R. 9 E.

Chains

and 10

From this cor., true point for the standard sec. corner sec. 35, bears E., 5.54 chs. dist., from which its witness cor. bears W., 4.40 chs. dist., an iron post, 1 in. diam., set, mkd. and witnessed as described in the field notes of Tp. 40 S., R. 9 E.

Accessories available.

From the cor. of secs. 1 and 2 on the N. bdy. of the township, previously set and described.

S. 0° 01' E., bet. secs. 1 and 2.

Over badly broken desert land; desc. 230 ft. over S. slope of ledges and sandstone slickrock.

Right bank of Colorado River, bank bears NE. and S. 70° W.

Point for the meander cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T41S R9E

S 2 | S 1

M C

1958

Thence by triangulation across the Colorado River, course W.

Left bank of the Colorado River, bank bears N. 70° E. and S. 70° W.

Point for the meander cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

M C

S 2 | S 1

T41S R9E

1958

Asc. 370 ft. over nearly vertical sandstone ledges facing N.

Narrow sandstone spur, projects W. approx. 5.00 chs. to end; desc. 350 ft. over nearly vertical ledges.

Deep draw, drains NW.; asc. 750 ft. over series of nearly vertical ledges facing N.

Rim, bears NW. and SE.

Point for the ¼ sec. cor. of secs. 1 and 2.

Set an iron post, 15 ins. long, 1 in. diam., drilled 7 ins. in solid sandstone, with brass cap mkd.

T41S R9E

¼

S 2 | S 1

1958

Portion of the Subdivision T. 41 N. R. 9 E.

Chains

Cor. is set on E. slope of sandstone knoll.

Desc. 45 ft.

49.20 Small wash, drains N. 20° W.; asc. 55 ft. over N. slope.

70.00 Sandstone ridge, bears E. and W.; desc. 25 ft. along SE. slope of sandstone slickrock.

79.28 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 15 ins. long, 1 in. diam., drilled 8 ins. in solid sandstone, with brass cap mkd.

T41S R9E

S 2 S 1

S11 S12

1958

Land, broken desert.

Soil, sandstone, with sand along river and in draws.

Timber, none; undergrowth, sagebrush, grass and willows along river, with widely scattered blackbrush and grass the balance.

West, bet. secs. 2 and 11.

Over broken desert land; asc. 165 ft. over E. slope of sandstone slickrock.

10.00 Sandstone spur, projects N.; desc. 635 ft. over series of sandstone knobs and ribs putting to the SW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3 $\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R9E

$\frac{1}{4}$  S 2

S11

1958

Desc. 160 ft. over broken W. slope.

60.00 Base of descent, bears N. and S.; thence over bench.

80.00 Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 18 ins. long, 1 in. diam., drilled 6 ins. in solid sandstone, with brass cap mkd.

T41S R9E

S 3 S 2

S10 S11

1958

Land, badly broken desert.

Soil, sandy clay, with broken and eroded sandstone.

Timber, none; undergrowth, scant blackbrush, cacti and grass.

U. S. G. T.

## S. 2, E. 2, Portion of the Subdivision, T. 41 S., R. 9 E.

Chains	
	N. 0° 03' E., bet. secs. 2 and 3.
	Over broken desert land; desc. 55 ft. over N. slope.
7.00	Gulch, drains S. 80° W.; asc. 185 ft. over S. slope.
16.30	Rocky knoll; desc. 35 ft. over N. slope.
20.00	Foot of knoll; thence over nearly level bench land.
35.60	S. rim of canyon, bears E. and W.; desc. 280 ft. over ledgy N. slope.
38.00	Enter river bottom.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T41S R9E
	S 3   S 2
	1958
	Deposit charcoal at the base of the post.
40.40	Left bank of the Colorado River, bank bears NE. and SW., course S. 80° W.
	Point for the meander cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	M C
	S 3   S 2
	T41S R9E
	1958
	Deposit charcoal at base of post.
	Thence by triangulation across the Colorado River, course SW.
50.44	Right bank of Colorado River, bank bears NE. and SW.
	Point for the meander cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to solid rock, and in a collar of stone, with brass cap mkd.
	T41S R9E
	S 3   S 2
	M C
	1958
	Asc. 150 ft. over S. slope.
74.00	Base of ledges; asc. 230 ft. over nearly vertical ledges.
77.50	N. rim of canyon, bears SW. and NE.; asc. 75 ft. over S. slope of sandstone slickrock.
77.80	Sandstone rib, bears E. and W.; desc. 20 ft.
79.23	The cor. of secs. 2 and 3 on the N. bdy. of the township, previously set and described.

Portion of the Subdivision, T. 41 S., R. 9 E.

Chains

2014/11

Land, broken desert.  
Soil, sandy clay, with a large portion broken and eroded sandstone.  
Timber, none; undergrowth, scattered blackbrush and grass, with willow sagebrush and grass along river bottom.

From the cor. of secs. 16, 17, 20 and 21, heretofore described.

East, bet. secs. 16 and 21.

Over broken desert land; asc. 320 ft. over series of sandstone ribs and knobs sloping to the W.

33.20 Knob on sandstone spur, projects S. 10° E.; desc. 20 ft. over E. sandstone slope.

40.00 Point for the ¼ sec. cor. of secs. 16 and 21.

Set an iron post, 14 ins. long, 1 in. diam., drilled 6 ins. in sandstone, with brass cap mkd.

T41S R9E

¼ S16  
S21  
1958

Desc. 350 ft. over E. slope of sandstone slickrock.

68.76 Point selected for the witness cor. of secs. 15, 16, 21 and 22.

Set an iron post, 14 ins. long, 1 in. diam., drilled 7 ins. in sandstone, with brass cap mkd.

T41S R9E

S16 | S15  
S21 | S22  
W C  
1958

69.00 Rim, bears irregularly N. and S.; desc. 380 ft. over series of ledges sloping to the E.

80.00 True point for the cor. of secs. 15, 16, 21 and 22 falls on steep SE. slope of sandstone slickrock, where the cor. cannot be perpetuated.

Land, broken desert.  
Soil, exposed and eroded sandstone, with widely scattered sand pockets.  
Timber, none; undergrowth, widely scattered patches of blackbrush, cacti and grass.

N. 0° 02' W., bet. secs. 15 and 16, counting dist. from the true point for the cor. of secs. 15, 16, 21 and 22.

Over badly broken desert land; asc. 380 ft. over sandstone slickrock and ledges sloping to the SE.

8.50 Rim of ledges, bears irregularly SW. and N.; thence along rim.

35.60 Rim curves to the SE.; asc. 40 ft. over sandstone slickrock sloping S.

40.00 Point for the ¼ sec. cor. of secs. 15 and 16.

## Portion of the Subdivision, T. 41 S., R. 9 E.

## Chains

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R9E

S16 | S15

1958

Asc. 195 ft. over S. sandstone slope.

76.50 Sandstone ridge, bears E. and W.; desc. 55 ft. over N. sandstone slope.

80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set an iron post, 15 ins. long, 1 in. diam., drilled 8 ins. in sandstone, with brass cap mkd.

T41S R9E

S 9 | S10

S16 | S15

1958

Land, broken desert.

Soil, broken and exposed sandstone, with scattered sand pockets.

Timber, none; undergrowth, widely scattered patches of blackbrush, cacti and grass.

S. 89° 55' W., bet. secs. 9 and 16.

Over broken desert land; asc. 50 ft. over E. sandstone slope.

4.10 Sandstone spur, projects N.; thence by triangulation, with topography approx. as scaled from a U.S.G.S. survey map, desc. 560 ft. over a series of nearly vertical ledges sloping NW.

40.03 Point for the ¼ sec. cor. of secs. 9 and 16 falls in the inaccessible bottom of Llewellyn Gulch, draining N. 60° E.; asc. 360 ft. over ledges sloping SE.

56.30 Rim of ledges, bears NE. and SW.; thence by chaining.

56.37 Point selected for the witness ¼ sec. cor. of secs. 9 and 16.

Set an iron post, 15 ins. long, 1 in. diam., drilled 8 ins. in sandstone, with brass cap mkd.

T41S R9E

$$\frac{1}{4} \begin{array}{c} S 9 \\ \rightarrow \\ S16 \end{array}$$

W C

1958

Asc. 80 ft. along broken SE. slope.

72.50 Spur, projects SW.; desc. 200 ft. over broken W. slope.

80.06 The cor. of secs. 8, 9, 16 and 17.

Land, badly broken desert.

Soil, sandstone, with scattered sand pockets.

Timber, none; undergrowth, scattered patches of blackbrush, cacti, and grass.



Chains

From the cor. of secs. 5, 6, 31 and 32 on the E. bdy. of the township.  
N. 0° 03' W., bet. secs. 31 and 32.

Over badly broken desert land; desc. 360 ft. over a N. slope of sandstone slickrock and ledges.

23.50 Bottom of Navajo Gulch, drains irregularly E.; asc. 350 ft. over S. slope of ledges and sandstone slickrock.

34.00 Top of ledges on N. rim of Navajo Gulch.

38.92 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R9E

$\frac{1}{4}$   
S31|S32  
W C  
1958

40.00 True point for the cor. of secs. 31 and 32 falls on the steep SE. slope of a sandstone rib, where the cor. cannot be perpetuated.

Asc. 340 ft. over S. slope of sandstone slickrock.

80.00 Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R9E

S30|S29  
S31|S32  
1958

Land, badly broken desert.  
Soil, broken and exposed sandstone with sand pockets.  
Timber, none; undergrowth, scant blackbrush and cacti.

From the cor. of secs. 28, 29, 32 and 33.

N. 89° 57' W., bet. secs. 29 and 32.

Over broken desert land; asc. 45 ft. over E. slope of sandstone slickrock.

5.90 Sandstone spur, projects S.; desc. 55 ft. over W. sandstone slope.

21.00 Head of sandstone draw, drains SE.; asc. 160 ft. over E. sandstone slope.

33.70 Sandstone spur, projects S.; desc. 30 ft. over SW. sandstone slope.

39.98 Point for the  $\frac{1}{4}$  sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

## Portion of the Subdivision, T. 41 S., R. 9 E.

Chains

T41S R9E

 $\frac{1}{4}$  S29

S32

1958

Desc. 20 ft. over W. sandstone slope.

47.90 Small sandstone draw, drains S.; asc. 230 ft. over E. sandstone slope.

70.40 Knob on sandstone spur, projects SE.; desc. 40 ft.

79.96 The cor. of secs. 29, 30, 31 and 32.

Land, broken desert.

Soil, exposed and eroded sandstone, with scattered sand pockets.

Timber, none; undergrowth, widely scattered blackbrush, cacti and grass.

## Meanders of the Colorado River

## Meanders of the Right Bank of the Colorado River in Sec. 2

From the meander cor. of secs. 1 and 2 on the right bank of the Colorado River, S. 0° 01' E., 11.48 chs. from the cor. of secs. 1 and 2 on the N. bdy. of the township.

Thence downstream with the meanders of the right bank of the river in sec. 2.

Over broken bottom land, through medium dense undergrowth.

S. 87° 10' W., 19.19 chs.

S. 83° 36' W., 22.73 chs.

S. 70° 47' W., 19.57 chs.

S. 69° 28' W., 21.15 chs. The meander cor. of secs. 2 and 3.

## Meanders of the Left Bank of the Colorado River in Sec. 2

From the meander cor. of secs. 1 and 2 on the left bank of the Colorado River, N. 0° 01' W., 19.60 chs. from the  $\frac{1}{4}$  sec. cor. of secs. 1 and 2.

Thence downstream with the meanders of the left bank of the river in sec. 2.

S. 87° 25' W., 10.85 chs.

S. 82° 07' W., 32.77 chs.

S. 76° 40' W., 17.86 chs.

S. 62° 28' W., 21.79 chs. The meander cor. of secs. 2 and 3.

Land, broken river bottom, with steep talus slopes and in some places nearly vertical ledges to the water edge.

Soil, rocky sandy loam.

Timber, none; undergrowth, medium dense willows, river brush and grass.

## Meanders of the Colorado River

Chains

2115:10

## Meanders of the Right Bank of the Colorado River in Sec. 32

From the meander cor. of secs. 32 and 33 on the right bank of the Colorado River, S.  $0^{\circ} 03'$  E., 39.29 chs. from the cor. of secs. 28, 29, 32 and 33.

Thence downstream with the meanders of the right bank of the river in sec. 32.

Over broken bottom land, through medium dense undergrowth.

N.  $77^{\circ} 59'$  W., 9.90 chs.

S.  $72^{\circ} 11'$  W., 18.32 chs.

S.  $21^{\circ} 04'$  W., 14.84 chs.

S.  $9^{\circ} 21'$  W., 23.66 chs. The meander cor. of secs. 5 and 32.

## Meanders of the Left Bank of the Colorado River in Sec. 32

From the meander cor. of secs. 32 and 33 on the left bank of the Colorado River, N.  $0^{\circ} 03'$  W., 31.20 chs. from the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township.

Thence downstream with the meanders of the left bank of the river in sec. 32.

Over broken bottom land, through medium dense undergrowth.

N.  $79^{\circ} 34'$  W., 16.36 chs.

S.  $48^{\circ} 17'$  W., 9.96 chs.

S.  $0^{\circ} 31'$  W., 27.55 chs. The meander cor. of secs. 5 and 32.

Land, broken river bottom, with steep talus slopes and in some places nearly vertical ledges to the water edge.

Soil, rocky, sandy loam.

Timber, none; undergrowth, medium dense willows, river brush and grass.

## Meanders of the San Juan River

## Meanders of the Right Bank of the San Juan River in Sec. 36

From the meander cor. of secs. 31 and 36 on the E. bdy. of the township, and on the right bank of the San Juan River; 2.87 chs. N. of the true point for the cor. of Tps. 41 and 42 S., Rs. 9 and 10 E.

Thence downstream with the meanders of the right bank of the river in sec. 36.

Over broken bottom land, through medium dense undergrowth.

S.  $59^{\circ} 39'$  W., 5.68 chs. The true point for the meander cor. of secs. 1 and 36, W. 4.90 chs. from the true point for the cor. of Tps. 41 and 42 S., Rs. 9 and 10 E., from which the witness meander cor. bears W., 146 lks. dist.

## Meanders of the San Juan River

## Chains

From the true point for the meander cor. of secs. 1 and 36 on the S. bdy. of the township, and on the right bank of the San Juan River, 12 chs. W. of the  $\frac{1}{4}$  sec. cor. of secs. 1 and 36, from which the witness meander cor. bears E., 5.05 chs. dist.

Thence downstream with the meanders of the right bank of the river in sec. 36.

Over broken land, through medium dense undergrowth.

N.  $17^{\circ} 03'$  E., 20.22 chs.

N.  $7^{\circ} 04'$  W., 17.16 chs.

N.  $10^{\circ} 15'$  W., 15.89 chs.

N.  $43^{\circ} 24'$  W., 4.84 chs.

N.  $56^{\circ} 11'$  W., 4.16 chs.

N.  $79^{\circ} 11'$  W., 5.39 chs.

S.  $77^{\circ} 17'$  W., 17.37 chs. The true point for the meander cor. of secs. 35 and 36, N.  $0^{\circ} 01'$  W., 15.00 chs. from the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36, from which the witness meander cor. bears N.  $0^{\circ} 01'$  W., 3.70 chs. dist.

From the meander cor. of secs. 35 and 36, N.  $0^{\circ} 01'$  W., 23.70 chs. from the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township.

Thence downstream with the meanders of the right bank of the river in sec. 36.

Over broken bottom land, through medium dense undergrowth.

S.  $39^{\circ} 33'$  E., 4.66 chs.

S.  $13^{\circ} 45'$  E., 5.72 chs.

S.  $6^{\circ} 30'$  E., 14.64 chs. The meander cor. of secs. 1 and 36, E., 5.98 chs. from the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township.

From the true point for the meander cor. of secs. 35 and 36, N.  $0^{\circ} 01'$  W., 36.00 chs. from the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36, from which its witness cor. bears S.  $0^{\circ} 01'$  E., 4.18 chs. dist.

Thence downstream with the meanders of the right bank of the river in sec. 36.

Over broken bottom land, through medium dense undergrowth.

N.  $38^{\circ} 36'$  E., 5.12 chs. The true point for the meander cor. of secs. 25 and 36, from which its witness cor. bears S.  $89^{\circ} 58'$  E., 4.66 chs. dist.

Land, broken river bottom.

Soil, rocky sandy loam.

Timber, none; undergrowth, medium dense willows, river brush and grass.

Chains

arior)

## Meanders of the Left Bank of the San Juan River in Sec. 36

From the true point for the meander cor. of secs. 1 and 36 on the S. bdy. of the township, and on the left bank of the San Juan River, 17.20 chs. W. of the  $\frac{1}{4}$  sec. cor. of secs. 1 and 36, from which the witness meander cor. bears W., 4.45 chs. dist.

Thence downstream with the meanders of the left bank of the river in sec. 36.

Over broken bottom land, through medium dense undergrowth.

N. 19° 02' E., 19.60 chs.

N. 2° 08' W., 11.60 chs.

N. 11° 53' W., 20.80 chs.

N. 52° 12' W., 5.29 chs.

N. 89° 31' W., 13.09 chs.

S. 68° 54' W., 7.75 chs. The meander cor. of secs. 35 and 36.

From the meander cor. of secs. 35 and 36 on the S. bdy. of sec. 36 and on the left bank of the San Juan River, S. 0° 01' E., 10.30 chs. from the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36.

Thence downstream with the meanders of the left bank of the river in sec. 36.

Over broken bottom land, through medium dense undergrowth.

S. 46° 51' E., 7.85 chs.

S. 16° 10' E., 14.30 chs.

S. 4° 22' W., 10.63 chs. The true point for the meander cor. of secs. 1 and 36, from which the witness meander cor. bears E., 5.28 chs. dist., previously described.

Land, broken river bottom.

Soil, rocky sandy loam.

Undergrowth, medium dense willows, river brush and grass.

## GENERAL DESCRIPTION

The land within this township varies from badly broken to rolling desert in the NW. portion. The township is cut by numerous steep sided and box canyons, draining into the Colorado and San Juan Rivers. The San Juan River flows irregularly W. from the SE. township cor. to the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34, where it flows into the Colorado River. The Colorado River enters the township in the W. portion of sec. 1 and leaves at the  $\frac{1}{4}$  sec. cor. of sec. 32.

The soil is principally a sandy clay with a large amount of broken and eroded sandstone. There is a scattered growth of cottonwood along the rivers. The undergrowth is mainly blackbrush, with lesser amounts of grass, sagebrush, mountain rush, bitter brush, cacti and willows.

There are no permanent habitants in the township. A considerable amount of prospecting for fissionable minerals has been carried on in the area. The NW. portion of the township is accessible by motor vehicle.



# CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 27th day of August 1959

I have surveyed the south and west boundaries, a portion of the subdivision, and a portion of the meanders of the Colorado River and the San Juan River, Township 41 South, Range 9 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

April 15, 1959

Salt Lake City, Utah

*Fred R. Chappell*

Fred R. Chappell, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

~~The foregoing field notes of the survey of \_\_\_\_\_  
\_\_\_\_\_ executed by \_\_\_\_\_  
\_\_\_\_\_ having been critically examined and found correct, are hereby approved.~~

*Cadastral Engineering Staff Officer.*

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

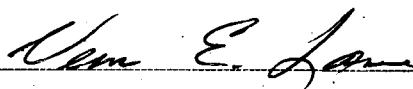
*Cadastral Engineering Staff Officer.*

# CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1958, I have <sup>supervised</sup> ~~surveyed~~ the survey of the south and west boundaries, a portion of the subdivision and a portion of the meanders of the Colorado River and San Juan River, Township 41 South, Range 9 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

April 15, 1959  
Salt Lake City, Utah

  
Vern E. Lane, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 6 1959, 1959

The foregoing field notes of the survey of the south and west boundaries, a portion of the subdivision, and a portion of the meanders of the Colorado River and the San Juan River, Township 41 South, Range 9 East, Salt Lake Meridian, Utah

executed by Fred R. Chappell, under the supervision of Vern E. Lane having been critically examined and found correct, are hereby approved.

  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in T. 41 S. R. 9 E., Salt Lake Meridian is a true copy of the original field notes.~~

Cadastral Engineering Staff Officer.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ORIGINAL

FIELD NOTES

OF THE SURVEY OF

THE SOUTH AND WEST BOUNDARIES,

A PORTION OF THE SUBDIVISION

AND

MEANDERS OF THE SAN JUAN RIVER THROUGH SECTION 36

OF

TOWNSHIP 41 SOUTH, RANGE 10 EAST

Of the SALT LAKE Meridian,

In the State of UTAH

EXECUTED BY

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Boyd S. Owens, Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided  
for the surveys included under Group No. 404, approved November 7, 1956  
and assignment instructions dated May 7, 1958

Survey commenced August 18, 1958

Survey completed September 15, 1958

# INDEX DIAGRAM

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16-56770-1

Boyd S. Owens

Meanders of San Juan River through section 36, pages 26, 27 and 28.

250

## Township 41 South, Range 10 East

## Chains

The east boundary of T. 41 S., R. 10 E. was surveyed in 1926 by C. F. Moore and W. W. Bandy. The north boundary (Eighth Standard Parallel South) was surveyed in 1957 by Boyd Owens.

The following field notes are those of the survey of the south boundary, the west boundary and a portion of the subdivision of T. 41 S., R. 10 E. deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transit serial No. 560147, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to beginning the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude  $37^{\circ} 10' 19.0''$  N. and longitude  $110^{\circ} 44' 17.2''$  W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ} 15'$  East.

## South Boundary of T. 41 S., R. 10 E.

Beginning at the cor. of Tps. 41 and 42 S., Rs. 10 and 11 E., monumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

West, bet. secs. 1 and 36.

South Boundary of T. 44 S., R. 10 E.

Chains	
	Over broken land; by triangulation, with approximate topography as scaled from U. S. G. S. topographic map; desc. about 340 ft. over ledges facing W.
8.00	Wash, 2 ft. deep; 40 lks. wide, drains N. 20 chs. to left bank of San Juan River; asc. about 340 ft. over ledges facing E.
11.00	W. rim of canyon, drains N.; asc. about 85 ft. along broken N. slope.
37.20	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 1 and 36. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd. T41S R10E W $\frac{1}{4}$ S36 G $\frac{1}{4}$ S 1 T42S 1958
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 36 falls on face of 350 ft. vertical sandstone ledge and cannot be perpetuated. Asc. about 350 ft. along N. end of rolling sandstone domes.
52.30	Top of ascent; desc. about 450 ft. over steep sandstone facing W.
65.40	Rim of canyon faces NW. and bears NE. and SW.; desc. about 400 ft. over steep ledgy NW. slope.
76.20	Left bank of San Juan River. Point for the meander cor. of secs. 1 and 36. Set an iron post, 15 ins. long, 1 in. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd. T41S R10E MC $\frac{1}{4}$ S36 S 1 T42S 1958
80.00	Thence across the San Juan River, course S. 60° W. True point for the cor. of secs. 1, 2, 35 and 36 falls in the San Juan River. Land, very broken. Soil, sandy with sandstone ledges. Timber, none. Undergrowth, scattered black brush and cactus.
	West, bet. secs. 2 and 35.
	Over rough, broken land by triangulation, with approximate topography as scaled from U. S. G. S. topographic map. Asc. about 200 ft. over ledge facing SE.
11.00	Point for the meander cor. on shelf above right bank of San Juan River.

## S. 01 1/2, South Boundary of T. 41 N., R. 10 E.

## Chains

11.75

Point selected for the witness meander cor. of secs. 2 and 35.

Set an iron post, 15 ins. long, 1 in. diam., 4 ins. into sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S  
T10E  
S35  
S2  
T42S  
1958  
WMC

Asc. about 160 ft. over broken SE. slope.

17.00

Slope changes to broken S. slope; desc. about 120 ft.

31.00

Bottom of draw, drains S.; asc. about 120 ft. over E. and S. slope.

40.00

Point for the 1/2 sec. cor. of secs. 2 and 35 falls on precipitous slope and cannot be perpetuated.

Point selected for the witness 1/2 sec. cor. of secs. 2 and 35 bears N. 1.00 ch. dist.

Set an iron post, 15 ins. long, 1 in. diam., over a cross (X) on sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S R10E  
1/4 S35 W  
S 2 C  
T42S  
1958

Desc. about 320 ft. along ledgy S. slope.

56.00

Bottom of slope along San Juan River.

65.00

Asc. about 400 ft. over ledgy SE. slope.

75.00

Spur, projects SW.; desc. about 80 ft. over NW. slope.

80.00

Point for the cor. of secs. 2, 3, 34 and 35.

Set an iron post, 1 ft. long, 1 in. diam., 6 ins. into sandstone, in a collar of stone to top, with brass cap mkd.

T41S R10E  
S34 S35  
S3 S2  
T42S  
1958

Land, rough and broken.

Soil, sandy with exposed sandstone.

Timber, none.

Undergrowth, scattered black brush and grass.

West, bet. secs. 3 and 34.

Over rough broken land, by triangulation, with approximate topography as scaled from U. S. G. S. topographic map; asc. about 80 ft. over NE. slope.

10.00

Spur, projects N.

12.00

Rim of canyon, faces W. and bears N. 5° W.; desc. 400 ft. over exposed sandstone W. slope.

## South Boundary of T. 41 S., R. 10 E.

Chains	
	Right bank of San Juan River.
17.96	Point selected for the meander cor. of secs. 3 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;">           T41S            R10E            S34            S 3            T42S            1958         </div>
	Thence across San Juan River, course N. 5° W.
25.48	Left bank of San Juan River.
	Point for the meander cor. of secs. 3 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	<div style="text-align: center;">           T41S            R10E            S34            S 3            T42S            1958         </div>
	Asc. 240 ft. over ledgy E. slope.
30.00	Base of ledge; asc. about 250 ft. over vertical cliff facing E.
33.00	Spur, projects N.; desc. about 200 ft. over vertical cliff facing W.
35.70	Base of cliff; desc. about 150 ft. over W. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 34. Set an iron pipe, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	<div style="text-align: center;">           T41S R10E            ¼ S34            S 3            T42S            1958         </div>
	Desc. about 80 ft. over broken W. slope.
46.50	Wash, drains NW.; desc. about 50 ft. over broken W. slope.
51.55	Left bank of the San Juan River and point for the meander cor. of secs. 3 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;">           T41S            R10E            S34            S 3            T42S            1958         </div>
	Thence cross the San Juan River, course SW. and NW.

South Boundary of T. 41 S., R. 10 E.

Chains  
69.90

Left bank of San Juan River.

Point for the meander cor. of secs. 3 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S

R10E

S34

MC

S3

T42S

1958

Asc. gradual NE. slope.

70.90

Rocky spur, projects NW.

80.00

Point for the cor. of secs. 3, 4, 33 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground with brass cap mkd.

T41S R10E

S33 S34

S4 S3

T42S

1958

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, broken.

Soil, sandy and rocky with exposed sandstone.

Timber, none other than moderate growth of willows along river.

Undergrowth, scattered black brush and grass.

West, bet. secs. 4 and 33.

Over broken land along left bank of San Juan River.

32.90

Draw, drains NE. 8 chs. to river.

40.00

Spur, projects NE.

Point for the  $\frac{1}{2}$  sec. cor. of secs. 4 and 33.

Set an iron post, 15 ins. long, 1 in. diam., 5 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S R10E

S33

$\frac{1}{2}$  S 4

T42S

1958

Desc. along broken N. slope.

41.70

Slope changes to broken NW. slope.

67.22

Left bank of San Juan River.

Point for the meander cor. of secs. 4 and 33.

Set an iron post, 15 ins. long, 1 in. diam., 12 ins. in the ground, with brass cap mkd.

8291

Chains

00.00

REVISOR: I had to knead steel  
RICE  
1938  
1938  
1938

Thence across San Juan River.

78.44

Right bank of San Juan River.

Point for the meander cor. of secs. 4 and 33.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, with brass cap mkd.

T41S  
833  
34  
T42S  
1958

80.00

Point for the cor. of secs. 4, 5, 32 and 33.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, with brass cap mkd.

T41S R10E  
832|833  
85|84  
1958

Land, broken.  
Soil, sandy and rocky.  
Timber, none.  
Undergrowth; scatters black brush and grass.

West, bet. secs. 5 and 32.

Asc. about 160 ft. over broken SE. slope.

17.80

Rim of bench, bears NE. and SW.; asc. gradual SE. slope.

40.00

Point for the 1/4 sec. cor. of secs. 5 and 32.

Set an iron post, 15 ins. long, 1 in. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S R10E  
832  
85  
T42S  
1958

Cont. along broken rocky S. slope.

53.00

Spur, projects SW.; desc. about 140 ft. over SW. slope.

80.00

Point for the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.

T41S R10E  
831|832  
85|84  
1958



South Boundary of the 41st Sec. R. 10 E.

Chains	<p>Land, broken and rough. Soil, sandy and rocky. Timber, none. Undergrowth, scattered black brush and grass.</p>
West, bet. secs. 6 and 31.	<p>Over rough and broken land; by triangulation, with approximate topography as scaled from U. S. G. S. topographic map; desc. about 80 ft. over broken W. slope.</p>
11.08 Right bank of San Juan River.	<p>Point for the meander cor. of secs. 6 and 31. Set an iron post, 15 ins. long, 1 in. diam., 6 ins. into drilled hole in sandstone, in a collar of stone to top, with brass cap mkd.</p>
<p>T41S R10E S31 S6 MC</p>	Thence across San Juan River, course N. 45° W.
16.04 Left bank of San Juan River.	<p>Point for the meander cor. of secs. 6 and 31. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in the ground to bedrock, with collar of stone to top, with brass cap mkd.</p>
<p>T41S R10E S31 S6 T42S 1958 MC</p>	Asc. about 240 ft. over broken, ledgy E. slope.
30.00 Base of ledge, bears N. and S.; asc. 300 ft. over vertical cliff.	
33.70 Rim of canyon, faces E., thence over rolling benchland.	
40.00 Point for the 1/4 sec. cor. of secs. 6 and 31.	<p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, with brass cap mkd.</p>
<p>T41S R10E S31 S6 T42S 1958</p>	51.60 Rim of canyon, faces NW.; desc. 300 ft. over vertical cliff.
54.00 Base of cliff; desc. about 500 ft. over broken NW. slope.	
75.99 Left bank of San Juan River.	Point for the meander cor. of secs. 6 and 31.

Chains		Chains
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	<div style="text-align: center;"> T41S R10E MC / S31 S6 T42S 1958 </div>	
78.40	True point for the cor. of Tps. 41 and 42 S., Rs. 9 and 10 E., falls in the San Juan River, course S. 145° W. and 11 08'.	
	Land, broken. Soil, sandy and rocky. Timber, none except for moderate growth of willows along river. Undergrowth, scattered black brush and grass.	80.11
	West Boundary of T. 41 S., R. 10 E.	
	Beginning at the true point for the cor. of Tps. 41 and 42 S., Rs. 9 and 10 E., which falls in the San Juan River.	
	North, bet. secs. 31 and 36, over rough, broken land, by triangulation, with approximate topography as scaled from U. S. G. S. topographic map.	
	Right bank of San Juan River.	
2.87	Point for the meander cor. of secs. 31 and 36, described as	
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	<div style="text-align: center;"> T41S R9E R10E S36 S31 MC 1958 </div>	
	Asc. about 400 ft. over broken SE. slope.	07.08
14.00	Rim of canyon, faces SE.; asc. about 89 ft. along rolling benchland.	
24.90	Top of bench, bears N. 5° E. and W.; desc. gradual NW. slope.	
40.00	Point for the ¼ sec. cor. of secs. 31 and 36.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	<div style="text-align: center;"> T41S R9E R10E S36 S31 1958 </div>	
40.10	Wash, drains SW.; asc. SE. slope.	09.37
48.30	Base of sandstone dome, faces SE.	

## West Boundary, T41S, R9E, S30

Chains	
55.40	Top of sandstone dome; cont. over rolling benchland.
74.90	Head of small wash, drains E.; asc. over S. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T41S R9E R10E S25 S30 S36 S31 1958 Land, broken. Soil, sandy with sandstone outcroppings. Timber, none. Undergrowth, moderate black brush.
	North, bet. secs. 25 and 30. Over rolling benchland, through moderate black brush and grass.
10.10	Leave bench; desc. about 80 ft. over NE. slope.
15.40	Small exposed wash, drains NE.; thence over point of small spur, slopes W.
22.80	Rim of gulch, faces NW. and bears NE. and SW.; desc. about 50 ft. over ledgy NW. slope.
24.00	Bottom of bulch, faces S.; thence over rolling land.
40.00	Point for the ¼ sec. cor. of secs. 25 and 30. Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in the ground, in a collar of stone, with brass cap mkd. T41S R9E R10E ¼ S25 S30 1958 Raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor.
40.20	Wash, drains E.
42.30	Base of ledge, about 2.15 ft. high, faces SE. and bears NE. and SW.
45.40	Top of ascent, bears N. 70° E. and S. 70° W.; desc. about 75 ft. over steep exposed sandstone, faces NW.
48.80	Gulch, drains SW.; asc. about 125 ft. over exposed sandstone, faces SE.
60.40	Enter small black brush bench.
66.80	Leave bench, thence over rolling sandstone.
72.00	Head of side canyon, drains NW. 6 chs. to main canyon; asc. 45 ft. over S. slope.
77.10	Sandstone spur, projects W.

## West Boundary of T. 41 S. 10 E.

Chains		
79.10	Sandstone spur, projects W. 300 yds. south of the cor. of secs. 19, 24, 25 and 30.	04.20
	Point selected for the witness cor. of secs. 19, 24, 25 and 30.	
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in solid sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T41S R9E R10E W4C S24 S19 S25 S30 1958	
80.00	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.	
	True point for the cor. of secs. 19, 24, 25 and 30 falls on precipitous sandstone N. slope and cannot be perpetuated.	
	Land, broken and rough.	
	Soil, sandy with sandstone outcrops.	
	Timber, none.	
	Undergrowth, scattered black brush and grass.	
	North, bet. secs. 19 and 24.	
	Desc. about 240 ft. over steep N. slope.	
1.20	Wash in canyon, drains SW.; asc. about 115 ft. over SW. slope.	
21.70	Drainage changes to W., over rolling sandstone.	
29.50	Spur, slopes W.	
33.90	Spur, slopes W.	
37.40	Spur, slopes W.	
40.00	Spur, slopes W.	
	Point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 24.	
	Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hold in sandstone, with brass cap mkd.	
	T41S R9E R10E $\frac{1}{4}$ S24 S19 1958	
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.	
	Over rolling sandstone.	
45.00	Spur, slopes SW.	
47.20	Head of wash, drains SW.	
60.80	Enter nearly level benchland, moderate growth of black brush.	
71.60	Desc. over rolling sandstone E. slope.	
80.00	Point for the cor. of secs. 13, 18, 19 and 24.	
	Set a	

## West Boundary of T. 41 S. R. 10 E.

## Chains

Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in the ground, in a collar of stone to top, with brass cap mkd.

T41S

R9E R10E

S13|S18

S24|S19

1958

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, shallow sand and exposed sandstone.

Timber, none.

Undergrowth, scattered black brush.

North, bet. secs. 13 and 18.

Desc. along slightly rolling exposed sandstone E. slope.

6.50 Slope changes to NE.; desc. about 285 ft. over broken NE. slope.

34.40 Slope changes to E.; desc. about 80 ft. over broken E. slope.

38.70 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.

Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in sandstone, with brass cap mkd.

T41S

R9E R10E

W C

 $\frac{1}{4}$ 

S13|S18

1958

40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18 falls in inaccessible bulch draining E. and cannot be perpetuated.

Over broken land, by triangulation, with approximate topography as scaled from U. S. G. S. topographic map; desc. about 400 ft. over NE. slope.

79.00 Wash, 50 lks. wide, 1 ft. deep in bottom of canyon, drains NW.; several small springs, good water, along canyon bottom,

Asc. about 70 ft. over steep S. slope.

80.00 Point for the cor. of secs. 7, 12, 13 and 18.

Set an iron pipe, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S

R9E R10E

S12|S 7

S13|S18

1958

Land, broken and rolling.

Soil, sandy with sandstone outcrops.

Timber, none.

Undergrowth, scattered black brush

## West Boundary of T41S R. 10 E.

Chains	
	North, bet. secs. 7 and 12. Over broken land; by triangulation, with approximate topography as scaled from U. S. G. S. topographic map.
1.30	Rim of canyon, bears E. and W.; asc. 160 ft. over broken SW. slope.
6.90	Base of sandstone wall, faces S.; asc. 80 ft. over vertical wall.
16.00	Top of wall, cont. ascent over rolling sandstone.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 13. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in sandstone, with brass cap mkd.
	T41S R9E R10E S12 S 7 1958
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Cont. over rolling sandstone W. slope.
80.00	Point for the cor. of secs. 1, 6, 7 and 12. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in sandstone, with brass cap mkd.
	T41S R9E R10E S 1 S 6 S12 S 7 1958
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, rolling and broken. Soil, sandy with exposed sandstone. Timber, none. Undergrowth, scattered black brush.
	North, bet. secs. 1 and 6. Over rolling sandstone and intermittent black brush flats, along SW. slope.
33.10	Slope changes to N.
36.06	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 1 and 6. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T41S R9E R10E W C S1 S 6 1958
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 6 falls on precipitous SE. face of sandstone dome and cannot be perpetuated.

## West Boundary of T. 41 S., R. 10 E.

## Chains

Over rough and broken land; by triangulation, with approximate topography as scaled from U. S. G. S. topographic map.

- 44.00 Rim of canyon, faces N. and bears E. and W.; desc. 240 ft. over N. slope.
- 50.00 Wash in bottom of canyon, drains W.; asc. about 480 ft. over S. slope.
- 64.00 Rim of canyon, faces SE. and bears E. and SW.
- 79.27 Intersect the Eighth Standard Parallel South at the point for the closing cor. of secs. 1 and 6, Tps. 41 S., Rs. 9 and 10 E.
- At the point of intersection
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3-ft. base to top, with brass cap mkd..

T40S R10E

S31

S1 | S6

R9E R10E

T41S

C C

1958

From this point the standard  $\frac{1}{4}$  sec. cor. of sec. 31, T. 40 S., R. 10 E., an iron post,  $2\frac{1}{2}$  ins. diam., bears E. 51 chs. dist.

Land, broken and rolling.

Soil, sandy with exposed sandstone.

Timber, none.

Undergrowth, scattered black brush.

## Portion of the Subdivision of T. 41 S., R. 10 E.

From the true point for the cor. of secs. 1, 2, 35 and 36 on the S. bdy of the Tp.

N. 0° 01' W., across San Juan River, course SW.

Over rough and broken land, by triangulation, with approximate topography as scaled from U. S. G. S. topographic map.

- 5.56 Right bank of San Juan River.

Point for the meander cor. of secs. 35 and 36.

Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in the ground, in a collar of stone to top, with brass cap mkd.

T41S R10E

S35 | S36

MC

1958

Asc. about 400 ft. over SE. sandstone slope.

- 15.00 Spur, projects E.; desc. about 400 ft. over NE. sandstone slope.

- 26.61 Right bank of San Juan River.

Point for the meander cor. of secs. 35 and 36.

## Portion of the Subdivision of T. 41 S., R. 10 E.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	MC S35 S36 R41S R10E 1958
	Thence across the San Juan River, course SE.
32.92	Left bank of the San Juan River.
	Point for the meander cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	T41S R10E S35 S36 MC 1958
	Asc. about 80 ft. over SW. slope.
35.06	Point for the witness ¼ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T41S R10E W C ¼ S35 S36 1958
40.00	True point for the ¼ sec. cor. of secs. 35 and 36 falls on the S. face of a 200 ft. sandstone ledge and cannot be perpetuated.
	Asc. about 160 ft. along SW. and W. slopes.
56.00	Top of slope; desc. about 160 ft. over W. and NW. slopes.
70.91	Left bank of San Juan River.
	Point for the meander cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	MC S35 S36 T41S R10E 1958
	Thence across San Juan River, course S. 70° W.
78.56	Right bank of San Juan River.
	Point for the meander cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.



Portion of the Subdivision, T. 41 S., R. 10 E.

Chains

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy., an iron post, 2½ ins. diam., heretofore described.

N. 0° 02' W., bet. secs. 33 and 34.

Over broken land; by triangulation, with approximate topography as scaled from U. S. G. S. topographic map; desc. over gentle N. slope.

5.14 Left bank of San Juan River.

Point for the meander cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

M C

S33|S34

T41S R10E

1958

Thence across San Juan River, course N. 80° W.

9.94 Right bank of San Juan River.

Point for the meander cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R10E

S33|S34

M C

1958

Asc. about 800 ft. over exposed sandstone S. and SW. slope.

31.50 Top of spur, projects SE.

40.00 Point for the ¼ sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R10E

S33|S34

1958

Desc. along gentle E. slope.

54.84 Wash, drains E.; desc. about 80 ft. over NE. slope.

59.00 Edge of ledge, faces N. and bears E. and NE.; desc. about 40 ft. over N. slope.

68.29 Wash, drains E.; asc. about 80 ft. over broken ledgy SE. slope.

80.00 Point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post, 15 ins. long, 1 in. diam., 6 ins. in solid sandstone in a collar of stone to top, with brass cap mkd.

Portion of the Subsection of T. 41 S. R. 10 E.

Chains

and?)

T41S R10E  
S25/S36

1958

Asc. over S. slope.

80.00

Point for the cor. of secs. 25, 26, 35 and 36..

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S R10E  
S26/S25  
S35/S36  
1958

Land, broken.

Soil, sandy with exposed sandstone.

Timber, none, except for scattered willows along river banks.

Undergrowth, scattered black brush.

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp.

S. 89° 57' W., bet. secs. 25 and 36.

Over rough and broken land; by triangulation, with approximate topography as scaled from U. S. G. S. topographic map; desc. about 400 ft. over NW. slope.

10.00

Draw, drains SW.; asc. about 200 ft. over SE. slope.

17.00

Spur, projects SW.; desc. about 240 ft. over NW. slope.

26.00

Head of draw, drains SW.; thence along ledge, bears E. and W.

40.00

True point for the 1/4 sec. cor. of secs. 25 and 36 falls on face of 500 ft. vertical sandstone ledge and cannot be perpetuated.

From this point the witness 1/4 sec. cor. of secs. 25 and 36 bears S. 40 lks. dist.

Set an iron post, 15 ins. long, 1 in. diam., 5 ins. into drilled hole in sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S R10E  
1/4 S25 WC  
S36  
1958

Asc. about 80 ft. over broken SE. slope.

49.00

Spur, projects SW.; desc. about 1200 ft. over broken SW. slope.

80.00

The cor. of secs. 25, 26, 35 and 36.

Land, rough and broken.

Soil, sand with exposed sandstone.

Timber, none.

Undergrowth, scattered black brush.

Portion of the Subdivision of T. 41 S., R. 10 E.

Chains	
	<p>82.85 bms. N. 82.85 (11.85) sec. 20 T41S R10E  <u>S28 S27</u>  <u>S33 S34</u>  1958</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  Land, rolling and broken.  Soil, exposed sandstone.  Timber, none.  Undergrowth, scattered black brush.</p>
	<p>N. 0° 02' W., bet. secs. 27 and 28.  Asc. over SE. slope.</p>
.80	Spur, projects NE.; desc. about 160 ft. over NE. slope.
10.60	Wash, drains NE.; thence over point of low spur, slopes E.
26.20	Bottom of exposed sandstone gulch, drains SE.; asc. about 160 ft. over broken ledgy SW. and S. slopes.
33.10	Rim of gulch, faces SW. and bears NW. and SE.; asc. over rolling SE. slope.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 27 and 28.
	<p>Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in sandstone, with brass cap mkd.  T41S R10E  <u>S28 S27</u>  1958</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  Desc. along gentle E. slope.</p>
54.20	Slope changes to NE.; desc. about 80 ft. over NE. slope.
67.40	Dry creek channel, drains SE. 3 chs. to Wilson Creek; asc. broken SW. slope.
71.70	Spur, projects SE.; desc. along E. slope.
77.90	Rim of Wilson Creek Canyon, bears NW. and S.
80.00	<p>Wilson Creek, 1.50 chs. wide, 1 ft. deep, drains SE. 3 chs. thence S.  True point for the cor. of secs. 21, 22, 27 and 28 falls in Wilson Creek.  Land, rolling and broken.  Soil, shallow sand and exposed sandstone.  Timber, none.  Undergrowth, scattered black brush and grass.</p>
	<p>N. 0° 02' W., bet. secs. 21 and 22.  Over rough broken land; by triangulation, with approximate topography as scaled from U. S. G. S. topographic map; asc. about 160 ft. over broken SW. slope.</p>

Portion of the Subdivision of T. 41 S., R. 10 E.

Chains

1.20

Point for the witness cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S R10E

S21|S22

S16|S15

W C

1958

7.70

Rim of Wilson Creek Canyon, bears NW. and SE., thence over rolling exposed sandstone SW. slope.

21.00

Wash, drains SW.

28.60

Sandstone dome, slopes W.

40.00

Point for the ¼ sec. cor. of secs. 21 and 22.

Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in the ground, in a mound of stone to top, with brass cap mkd.

T41S R10E

¼

S21|S22

1958

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Asc. about 160 ft. over rolling, exposed sandstone S. slope.

67.30

Slope changes to N.; desc. about 180 ft.

80.00

Point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R10E

S16|S15

S21|S22

1958

Land, rolling and broken.

Soil, shallow sand and exposed sandstone.

Timber, none.

Undergrowth, scattered black brush.

N. 0° 02' W., bet. secs. 15 and 16.

Over rolling exposed sandstone NW. slope.

24.50

Gulch, drains NE.; asc. about 80 ft. over SE. slope.

40.00

Point for the ¼ sec. cor. of secs. 15 and 16.

Set an iron post, 15 ins. long, 1 in. diam., 6 ins. in sandstone, in a collar of stone to top, with brass cap mkd.

T41S R10E

¼

S16|S15

1958

Portion of the Subdivision, T. 41 S., R. 10 E.

Chains

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Desc. about 160 ft. over rolling N. slope.

53.69 Unimproved road, bears SW, and NE

54.90 Gulch, drains E.; asc. about 160 ft. over exposed sandstone SE. slope.

80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in sandstone, with brass cap mkd.

T41S R10E

S 9 | S10

S16 | S15

1958

Land, rolling.

Soil, shallow sand and exposed sandstone.

Timber, none.

Undergrowth, scattered black brush and Brigham tea.

N. 0° 02' W., bet. secs. 9 and 10.

Asc. about 150 ft. over rolling exposed sandstone SE. slope.

40.00 Point for the cor. of secs. 9 and 10.

Set an iron post, 15 ins. long, 1 in. diam., 6 ins. into drilled hole, in sandstone, in a collar of stone to top, with brass cap mkd.

T41S R10E

S 9 | S10

1958

Asc. over gradual S. slope through scattered black brush.

75.60 Leave exposed sandstone.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.

T41S R10E

S4 | S3

S9 | S10

1958

Land, rolling and broken.

Soil, shallow sand and exposed sandstone.

Timber, scattered scrub juniper.

Undergrowth, scattered black brush, Brigham tea, cactus and grass.

N. 0° 02' W., bet. secs. 3 and 4.

Asc. about 90 ft. over gentle S. slope.

Portion of the Subdivision of T. 41 S., R. 10 E.

Chains

34.10 : Slope changes to NE.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 4.

Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in the ground, with brass cap mkd.

T41S R10E

S4|S3

1958

Desc. over gentle rolling NE. slope.

79.20 Intersect the Eighth Standard Parallel South at the point for the closing cor. of secs. 3 and 4.

At the point of intersection

Set an iron post, 30 ins. long,  $2\frac{1}{4}$  ins. diam., 18 ins. in the ground, with brass cap mkd.

T40S R10E

S34

S4|S3

T41S

.GC

1958

From this cor. the standard  $\frac{1}{4}$  sec. cor. of sec. 34, T. 40 S., R. 10 E., an iron post,  $2\frac{1}{4}$  ins. diam., mkd. and witnessed as described in the official record, bears E. 7.68 chs. dist.

Land, rolling.

Soil, shallow sand and exposed sandstone.

Timber, none.

Undergrowth, scattered black brush.

The point for the cor. of secs. 1 and 2 is on the Eighth Standard Parallel South and at proportionate dist. betw. the NE. cor. of the tp. and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long,  $2\frac{1}{4}$  ins. diam., over a cross (X) mkd. on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T40S R10E

S36

S2|S1

T41S

1958

From this cor. the standard  $\frac{1}{4}$  sec. cor. of sec. 36, T. 40 S., R. 10 E., an iron post,  $2\frac{1}{4}$  ins. diam., set, mkd. and witnessed as described in the official record, bears E. 7.61 chs. dist.

The point for the  $\frac{1}{4}$  sec. cor. of sec. 2 is at midpoint on the N. bdy. of sec. 2 and on the Eighth Standard Parallel South.

Set an iron post, 30 ins. long,  $2\frac{1}{4}$  ins. diam., 14 ins. in the ground to bedrock, with brass cap mkd.

Portion of the Subdivision, T. 41 S., R. 10 E.

Chains	<p><u>1/2</u> S2 T41S R10E 1958</p> <p>Place charcoal at base of post.</p> <p>From this point the standard cor. of secs. 35 and 36, T. 40 S., R. 10 E., an iron post, 2 1/2 ins. diam., set, mkd. and witnessed as described in the official record, bears E. 7.63 chs. dist.</p>
	<p>The true point for the cor. of secs. 2 and 3 is on the Eighth Standard Parallel South and at proportionate dist. bet. the NE. cor. of the Tp. and the closing cor. of secs. 1 and 4.</p> <p>From the true point the point selected for the witness cor. of secs. 2 and 3 bears E. 40 lks. dist.</p> <p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to bedrock, in a mound of stone to top, with brass cap mkd.</p> <p>T40S R10E W S35 C S3 S2 T41S R10E 1958</p> <p>From the true point, the standard 1/2 sec. cor. of sec. 35, T. 40 S., R. 10 E., an iron pipe, 2 1/2 ins. diam., set, mkd. and witnessed as described in the official record bears E. 7.65 chs. dist.</p>
15.00	<p>From the cor. of secs. 1 and 2, on the N. bdy. of the Tp.</p> <p>S. 0° 01' E., bet. secs. 1 and 2.</p> <p>Asc. about 80 ft. over NW. slope.</p> <p>Rim of mesa, faces N., bears NE. and SW., thence over rolling mesa through heavy black brush.</p>
39.38	<p>Point for the 1/2 sec. cor. of secs. 1 and 2.</p> <p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, with brass cap mkd.</p> <p>T41S R10E 1/2 S2 S1 1958</p>
47.20	<p>Landing strip, bears NE. and SW.</p>
79.10	<p>Bladed road, bears E. and W.</p>
79.38	<p>Point for the cor. of secs. 1, 2, 11 and 12.</p> <p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, with brass cap mkd.</p> <p>T41S R10E S2 S1 S11 S12 1958</p>

Portion of the Subdivision of T. 41 S., R. 10 E.

Chains	
	<p>Land, rolling. Soil, sandy. Timber, none. Undergrowth, heavy black brush.</p>
	<p>N. 89° 56' W., bet. secs. 2 and 11. Over gently rolling land.</p>
4.40	Bladed road, bears NE. and SW.
12.00	Bladed road, bears NW. and SE.; desc. over gentle W. slope.
24.80	Rim of mesa, bears N. and S.
25.60	Bladed road, bears NE. and SW.
29.40	Bladed road, bears W. and SE.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 2 and 11.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p>
	<p>T41S R10E <math>\frac{1}{2}</math> S 2 S41 1958</p>
44.20	Draw, drains SW.; asc. over gradual E. slope.
47.20	Bladed road, bears N. and E.
53.70	Top of knoll; desc. over rolling W. slope.
57.70	Bladed road, bears NE. and SW.
67.90	Bladed road, bears NW. and SE.
80.00	Point for the cor. of secs. 2, 3, 10 and 11.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p>
	<p>T41S R10E <math>\frac{S3}{S2}</math> S10 S11 1958</p>
	<p>Land, rolling. Soil, sandy. Timber, none. Undergrowth, heavy black brush.</p>
	<p>From the cor. of secs. 2, 3, 10 and 11. N. 0° 03' E., bet. secs. 2 and 3. Asc. along rolling W. slope.</p>
13.81	Head of draw, drains S.



Portion of the Subdivision of T. 41 S., R. 10 E.

Chains

- 16.20 Blades road, bears E. and W.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 3, and not mkd.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 16 ins. in the ground in a mound of earth, 2 ft. base, 6 ins. high, with brass cap mkd.
- T41S R10E  
 $\frac{1}{4}$   
S3|S2  
1958
- 79.34 The true point for the cor. of secs. 2 and 3 on the Eighth Standard Parallel South, which is witnessed E. 0.40 chs. dist. by an iron post previously described.
- Land, rolling.  
Soil, sandy.  
Timber, none.  
Undergrowth, heavy black brush.
- From the cor. of secs. 15, 16, 21 and 22.  
West, bet. secs. 16 and 21.  
Over rolling land.
- 9.00 Spur, projects N.; desc. along N. slope.
- 15.60 Wash, drains SW.
- 39.98 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21.
- Set an iron post, 15 ins. long, 1 in. diam., over a cross (X) cut on sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.
- T41S R10E  
 $\frac{1}{4}$  S16  
S21  
1958
- 40.90 Wash, drains SW.; desc. broken W. slope.
- 79.50 Wash, drains S.
- 79.96 Point for the cor. of secs. 16, 17, 20 and 21.
- Set an iron post, 15 ins. long, 1 in. diam., 6 ins. into drilled hole in sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.
- T41S R10E  
S17|S16  
S20|S21  
1958
- Land, rolling.  
Soil, shallow sand and exposed sandstone.  
Timber, none.  
Undergrowth, scattered black brush.
- N. 0° 03' W., bet. secs. 16 and 17.  
Asc. about 160 ft. over broken SW. slope.

## Portion of the Subdivision of T. 41 S., R. 10 E.

Chains

Anted

21.50

Spur, projects W.; desc. about 180 ft. over broken NW. slope.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 17.

Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in sandstone, with brass cap mkd.

T41S R10E

 $\frac{1}{4}$ 

S17 | S16

1958

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

46.00

Draw, drains NW.; asc. about 80 ft. over SW. slope.

50.00

Spur, projects W.; desc. about 160 ft. over SW. slope.

63.00

Draw, drains W.; asc. about 240 ft. over S. slope.

80.00

Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in sandstone, with brass cap mkd.

T41S R10E

 $\frac{1}{4}$  S8 | S9

S17 | S16

1958

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, shallow sand and exposed sandstone.

Timber, none.

Undergrowth, scattered black brush.

From the cor. of secs. 9, 10, 15 and 16.

S. 89° 57' W., bet. secs. 9 and 16.

Asc. about 400 ft. over rolling exposed sandstone E. slope.

40.02

Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 16.

Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in the ground, in a collar of stone to top, with brass cap mkd.

T41S R10E

 $\frac{1}{4}$  S 9

S10

1958

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

44.90

Top of sandstone dome; desc. about 480 ft. over broken W. slope.

80.04

The cor. of secs. 8, 9, 16 and 17.

Land, Rolling.

Soil, shallow sand and exposed sandstone.

Timber, none.

Undergrowth, scattered black brush.

Portion of the Subdivision of T. 41 S., R. 10 E.

Chains	
	<p>From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., monumented by a 2½ ins. iron post heretofore described.</p> <p>N. 0° 03' W., bet. secs. 32 and 33.</p> <p>Asc. about 960 ft. over talus and ledgy SE. slope.</p>
40.00	Point for the ¼ sec. cor. of secs. 32 and 33 falls on steep ledge and cannot be monumented.
42.40	<p>Point selected for the witness ¼ sec. cor. of secs. 32 and 33.</p> <p>Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drilled hole in sandstone, with brass cap mkd.</p> <div style="text-align: center;"> <p>T41S R10E</p> <p>↓</p> <p>S32 S33</p> <p>W C</p> <p>1958</p> </div> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p>
80.00	<p>Point for the cor. of secs. 28, 29, 32 and 33.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T41S R10E</p> <p>S29 S28</p> <p>S32 S33</p> <p>1958</p> </div> <p>Land, broken and rolling.</p> <p>Soil, exposed sandstone.</p> <p>Timber, none.</p> <p>Undergrowth, scattered black brush.</p>
	<p>From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., monumented by an iron post, 2½ ins. diam., heretofore described.</p> <p>N. 0° 03' W., bet. secs. 31 and 32.</p> <p>Along broken W. slope of San Juan River Canyon.</p>
33.00	Wash, drains SW.
40.00	<p>Point for the ¼ sec. cor. of secs. 31 and 32.</p> <p>Set an iron pipe, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T41S R10E</p> <p>↓</p> <p>S31 S32</p> <p>1958</p> </div> <p>Asc. about 480 ft. over ledgy SW. slope.</p>
60.00	Rim of canyon, faces SW. and bears NW. and SE.; asc. over black brush covered bench.
77.00	Base of exposed sandstone dome; asc. about 80 ft. over S. slope.
79.40	Point selected for the witness cor. of secs. 29, 30, 31 and 32.

Portion of the Subdivision of T. 41 S., R. 10 E.

Chains

Set an iron post, 15 ins. long, 1 in. diam., 6 ins. into sandstone, in a collar of stone to top, with brass cap mkd.

T41S R10E

W E

S30 S29

S31 S32

1958

80.00

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
True point for the cor. of secs. 29, 30, 31 and 32 falls on S. face of sandstone dome and cannot be monumented.

Land, broken.  
Soil, shallow sand and exposed sandstone.  
Timber, none.  
Undergrowth, scattered black brush and grass.

40.00

From the cor. of secs. 28, 29, 32 and 33.  
West, bet. secs. 29 and 32.  
Over broken and exposed sandstone; by triangulation, with approximate topography as scaled from U. S. G. S. topographic map; desc. about 100 ft. over SW. slope.

Point for the  $\frac{1}{4}$  sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3 $\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R10E

$\frac{1}{4}$  S29

S32

1958

59.50

Spur, projects S.; desc. about 80 ft. over broken S. slope.

80.00

The cor. of secs. 29, 30, 31 and 32.

Land, broken.  
Soil, shallow sand and exposed sandstone.  
Timber, none.  
Undergrowth, scattered black brush.

Meanders of the San Juan River in Section 36

From the meander cor. of secs. 31 and 36 on the E. bdy. of the Tp. on the right bank of the San Juan River, which is monumented by an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the official record.

From this point the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36, monumented by an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the official record, bears N. 19.53 chs. dist.

Thence downstream with the meanders of the right bank of the San Juan River in section 36.

## Meanders of the San Juan River in Section 36

## Chains

Over bottom land, through willows, scattered tamarisk and cottonwood.

S. 80° 41' W., 22.85 chs.  
 S. 84° 38' W., 17.67 chs.  
 N. 82° 02' W., 9.03 chs.  
 N. 62° 42' W., 8.33 chs.  
 N. 46° 06' W., 6.48 chs.  
 N. 25° 58' W., 7.20 chs.  
 N. 7° 54' E., 7.99 chs.  
 N. 1° 02' W., 6.11 chs.  
 N. 3° 11' E., 14.92 chs.  
 N. 3° 16' W., 12.65 chs.  
 N. 38° 22' W., 5.99 chs.  
 N. 85° 06' W., 13.13 chs. The meander cor. of secs. 35 and 36.

Land, bottom land.

Soil, rocky and sandy silt.

Timber, tamarisk, cottonwood and willows.

From the meander cor. of secs. 31 and 36, on the E. bdy. of the Tp. on the left bank of the San Juan River, which is monumented by an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the official record.

From this point the cor. of Tps. 41 and 42 S., Rs. 10 and 11 E., monumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record, bears S. 16.47 chs. dist.

Thence downstream with the meanders of the left bank of the San Juan River in section 36.

Over bottom land, through willows, scattered tamarisk and cottonwood.

S. 84° 45' W., 14.53 chs.  
 S. 78° 23' W., 19.80 chs.  
 N. 84° 01' W., 16.76 chs.  
 N. 67° 49' W., 8.95 chs.  
 N. 47° 31' W., 5.31 chs.  
 N. 34° 01' W., 7.31 chs.  
 N. 8° 36' W., 12.83 chs.  
 N. 9° 20' E., 8.57 chs.  
 N. 0° 12' E., 17.34 chs.  
 N. 8° 38' W., 7.92 chs.  
 N. 30° 03' W., 2.58 chs.  
 N. 84° 36' W., 1.81 chs.  
 S. 65° 43' W., 9.21 chs. The meander cor. of secs. 35 and 36.

Land, bottom land.

Soil, rocky with sandy silt.

Timber, tamarisk, cottonwood and willows.

From the meander cor. of secs. 35 and 36 on the right bank of the San Juan River, an iron post, 1 in. diam., heretofore described.

From this point the true point for the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36, bears N. 0° 01' W., 13.39 chs. dist.

Thence downstream with the meanders of the right bank of the San Juan River in sec. 36.

S. 29° 02' E., 12.47 chs.  
 S. 2° 44' W., 4.63 chs.  
 S. 34° 54' W., 3.83 chs.  
 S. 57° 50' W., 4.30 chs. The meander cor. of secs. 35 and 36.

## Meanders of the San Juan River in Section 36

Chains

enclad)

Land, bottom land, soil, rocky and sandy silt.  
 Timber, tamarisk, cottonwood and willows.

From the meander cor. of secs. 35 and 36, on the left bank of the San Juan River, an iron post, 2½ ins. diam., heretofore described.

From this point the true point for the ¼ sec. cor. of secs. 35 and 36, bears N. 0° 01' W., 7.08 chs. dist.

Thence downstream with the meanders of the left bank of the San Juan River.

S. 39° 06' E., 14.24 chs.

S. 27° 12' E., 6.41 chs.

S. 1° 05' W., 4.79 chs.

S. 28° 12' W., 3.94 chs.

S. 38° 02' W., 2.97 chs.

S. 37° 49' W., 7.06 chs. The meander cor. of secs. 1 and 36, on the S. bdy. of the Tp.

Land, bottom land, soil, rocky and sandy silt.  
 Timber, tamarisk, cottonwood and willows.

## General Description

The land in this township varies from rolling desert in the north portion to badly broken land of Wilson Mesa in the south portion. The north half of the township is drained by the Colorado River and the south half drains into the San Juan River, which enters the township near the southeast corner and flows westerly, crossing the south boundary five times and leaving the township at the southwest corner.

The soil is principally a sandy clay with a large amount of broken and eroded sandstone. There is a scattered growth of cottonwood along the San Juan River. The undergrowth is mainly black brush, with lesser amounts of sagebrush, mountain rush, bitter brush, cacti, willows and tamarisk.

There are no permanent habitants in the township. A considerable amount of prospecting for fissionable materials has been carried on in this area.



# CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, pursuance of special instructions bearing date of the 27th day of August, 1959

I have surveyed the south and west boundaries and a portion of the subdivision and the meanders of the San Juan River through section 36 of T. 41 S., R. 10 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

June 3, 1959

Boyd S. Owens  
Boyd S. Owens  
Cadastral Engineer

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of the south and west boundaries and a portion of the subdivision and the meanders of the San Juan River through section 36 of T. 41 S., R. 10 E., Salt Lake Meridian, Utah

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_

\_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.




# CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959 I have ~~surveyed~~ supervised the survey of the south and west boundaries, a portion of the subdivision and the meanders of the San Juan River in section 36, T. 41 S., R. 10 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed ~~by me and under my observation~~ <sup>under my supervision</sup>; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah  
June 3, 1959

  
Vern E. Lane  
Cadastral Surveyor (Chief of Party)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 6 1959, 1959

The foregoing field notes of the survey of the south and west boundaries, a portion of the subdivision and the meanders of the San Juan River through section 36, T. 41 S. R. 10 E., Salt Lake Meridian, Utah

executed by Boyd S. Owens, Cadastral Surveyor, under the supervision of Vern E. Lane, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.

  
Donald Clement  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 41 S. R. 10 E., SLM, Utah, is a true copy of the original field notes.

  
Cadastral Engineering Staff Officer.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY OF

THE EAST BOUNDARY, THE NORTH BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 42 SOUTH, RANGE 5 EAST

Of the SALT LAKE Meridian,

In the State of UTAH

EXECUTED BY

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Craig P. Sylvester, Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided  
for the surveys included under Group No. 408, approved November 8, 1956  
and assignment instructions dated May 7, 1958

Survey commenced June 18, 1958

Survey completed July 17, 1958

# INDEX DIAGRAM

Township 42 South, Range 5 East

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Craig P. Sylvester \_\_\_\_\_

16-56770-1

## Township 42 South, Range 5 East

Chains

The south and west boundaries were surveyed by E. Bird in 1934.

The following field notes are those of the survey of the north and east boundaries and a portion of the subdivision deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with a W. & L. E. Gurley Solar Transit No. 461263, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude  $37^{\circ} 06' 23.8''$  N. and longitude  $111^{\circ} 18' 26.6''$  W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ}$  East.

Beginning at the corner of Tps. 42 and 43 S., Rs. 5 and 6 E., an iron post, 3 in. diam., conforming to the official records.

North, bet. secs. 31 and 36.

Over rolling land; asc. 5 ft. along slight E. slope.

Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  in. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.

40.00

## East Boundary, (T. 42 S., R. 5 E.)

Chains	
	<p><b>T42S</b> <b>R5E R6E</b> <b>S36 S31</b> <b>1958</b></p> <p>Cont. over rolling land.</p>
42.00	Base of gentle SW. slope; asc. 45 ft. over SW. slope and
59.90	Low spur, slopes W. 1 ch. to end, from knoll 10 chs. E.; desc. 35 ft. over slight NW. slope.
70.50	S. rim of small ravine, bears E. and W.; desc. 55 ft. over NE. slope.
73.40	Small wash in bottom of ravine, drains NE.; asc. 60 ft. over S. slope.
79.80	N. rim of same ravine, bears E. and SW.; thence over rolling E. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p><b>T42S</b> <b>R5E R6E</b> <b>S25 S30</b> <b>S36 S31</b> <b>1958</b></p> <p>Land, rolling. Soil, sand and exposed sandstone. Timber, none.</p>
	North, bet. secs. 25 and 30
	Over rolling land; asc. 60 ft. along E. slope.
22.50	Spur, slopes E. 2 chs. to end; desc. 65 ft. along E. slope.
40.00	Point for the ½ sec. cor. of secs. 25 and 30
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p><b>T42S</b> <b>R5E R6E</b> <b>½</b> <b>S25 S30</b> <b>1958</b></p> <p>Desc. 20 ft. along E. slope.</p>
51.30	S. rim of ravine, bears S. 70° E. and W.; by triangulation, desc. 400 ft. over ledges and steep N. slope.
56.00	Wash in bottom of ravine, drains E.; asc. 480 ft. over ledges facing S.
62.40	N. rim of same ravine, bears E. and W.; asc. 475 ft. over SE. slope.

East Boundary, T. 42 S., R. 5 E.

Chains	
75.00	Spur, slopes E.; desc. 35 ft. over NE. slope.
79.90	Base of NE. slope, thence over rolling land.
80.00	Point for the cor. of secs. 19, 24, 25 and 30. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	<div style="text-align: center;"> T42S R5E R6E S24 S19 S25 S30 1958 </div>
	Land, rolling to broken. Soil, sand and exposed sandstone. Timber, none.
	North, bet. secs. 19 and 24.
	Over rolling land.
40.00	Point for the ¼ sec. cor. of secs. 19 and 24. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	<div style="text-align: center;"> T42S R5E R6E S24 S19 1958 </div>
	Cont. over rolling land; desc. 50 ft. over N. slope.
47.20	S. rim of ravine, bears N. 30° E. and S. 30° W.; by triangulation, desc. 640 ft. over ledges facing N. and steep N. slope.
78.00	Wash in bottom of ravine, drains N. 80° E.; asc. 80 ft. over ledges facing S.
80.00	Point for the cor. of secs. 13, 18, 19 and 24, falls on inaccessible ledges facing S. where the cor. cannot be monumented. Land, rolling and broken. Soil, sand and exposed sandstone. Timber, none. Undergrowth, black brush.
	North, bet. secs. 13 and 18.
	Over broken land; asc. 420 ft. over ledges facing S.
1.60	N. rim of ravine, bears N. 80° E. and W.; asc. gentle S. slope.
1.66	Point selected for the witness cor. of secs. 13, 18, 19 and 24. Set an iron post, 30 ins. long, 2½ ins. diam., over across (X) cut in sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

East Boundary, T. 42 S., R. 5 E.

Chains	
	<p>T42S R5E R6E S13 S18 S24 S19 W C 1958</p> <p>Asc. 10 ft. over gentle S. slope.</p>
12.70	Top of ascent, bears E. and W.; desc. 60 ft. over slight N. slope.
34.40	<p>Point selected for the witness <math>\frac{1}{4}</math> sec. cor. of secs. 13 and 18.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., over a cross (X) cut in sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p>T42S R5E R6E W C <math>\frac{1}{4}</math> S13 S18 1958</p>
34.50	Rim of Last Chance Canyon, facing N., bears E. and W.; by triangulation desc. 480 ft. over ledgy N. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 18 falls on inaccessible ledges facing N.
44.00	Base of ledges, bears E. and W., thence over nearly level bottom of canyon.
64.00	Point projects E. 1 ch.
80.00	<p>Point for the cor. of secs. 7, 12, 13 and 18 falls in Last Chance Wash, course SE., and cannot be perpetuated.</p> <p>Land, rolling and broken.</p> <p>Soil, sand and exposed sandstone.</p> <p>Timber, none.</p> <p>Undergrowth, black brush.</p>
	<p>North, bet. secs. 7 and 12,</p> <p>Over nearly level bottom of Last Chance Canyon.</p>
.84	<p>Point selected for the witness cor. of secs. 7, 12, 13 and 18.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 14 ins. in the ground and in a mound of stone, <math>3\frac{1}{2}</math> ft. base to top, with brass cap mkd.</p> <p>T42S R5E R6E S12 S 7 S13 S18 W C 1958</p>
16.00	Base of ledgy SE. slope; asc. 480 ft.
26.00	N. rim of Last Chance Canyon, bears NW. and SE.; asc. 55 ft. over rolling S. slope.

## East Boundary, T. 42 S., R. 5 E.

Chains		Remarks
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12. Tps. 42 and 43 N.	
40.00	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.	
	Asc. 40 ft. over rolling S. slope.	
	T42S R5E R6E S12 S 7 1958	
	No other available accessories.	
69.20	Low spur, slopes W.; cont. over rolling land.	
80.00	Point for the cor. of secs. 1, 6, 7 and 12.	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T42S R5E R6E S1 S6 S12 S 7 1958	
	Land, rolling and broken.	
	Soil, sand and exposed sandstone.	
	Timber, none.	
	Undergrowth, black brush.	
	North, bet. secs. 1 and 6.	
	Over rolling land.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 6.	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.	
	T42S R5E R6E S1 S6 1958	
	No other accessories available; desc. 40 ft. over gentle N. slope.	
80.00	Point for the cor. of secs. 1, 6, 31 and 36, Tps. 41 and 42 S., Rs. 5 and 6 E.	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.	
	T41S R5E R6E S36 S31 S1 S6 T42S 1958	
	Land, rolling.	
	Soil, sand.	
	Timber, none.	
	Undergrowth, black brush.	



## North Boundary, T41S R5E, S36, T42S, R5E.

Chains		aligned
	From the cor. of Tps. 41 and 42 Sec. 5 and 6 E. along	00.00
	N. 89° 58' W., bet. secs. 1 and 36.	
	Over rolling land; asc. 35 ft. over gentle E. slope.	
34.50	S. end of low rocky knoll, 6 ft. high, 20 chs. long; desc. 5 ft. along gentle S. slope.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 36.	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 9 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T41S R5E $\frac{1}{4}$ S36 S 1 T42S 1958	
	Desc. 10 ft. along gentle S. slope.	
46.10	Small wash, drains S. 20° W.; asc. 20 ft. along S. slope.	
70.10	Top of Blue Clay Knoll, 12 ft. high, 2 chs. diam.; asc. 10 ft. along S. slope.	
80.00	Point for the cor. of secs. 1, 2, 35 and 36.	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T41S R5E S35 S36 S2 S1 T42S 1958	
	Land, rolling. Soil, sand and clay. Timber, none. Undergrowth, heavy growth of black brush.	
	N. 89° 58' W., bet. secs. 2 and 35.	
	Over rolling land; desc. 10 ft. along S. slope.	
18.70	Small wash, drains S.; desc. 15 ft. along rolling S. slope.	
30.10	Wash, 2 ft. deep, 60 lks. wide, drains S.; asc. 40 ft. along S. slope over series of small washes and apurs.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35.	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T41S R5E $\frac{1}{4}$ S35 S 2 T42S 1958	

## North Boundary, T124S, R105 E.

Chains	
52.80	Asc. 50 ft. along broken S. slope.
56.40	Spur, slopes S.; desc. 40 ft. over W. slope.
60.80	Wash, 3 ft. deep, 50 lks. wide, drains S.; asc. 75 ft. over E. slope.
68.90	Spur, slopes S.; desc. 130 ft. over broken W. slope.
75.70	Wash, 3 ft. deep, 50 lks. wide, drains S. 10° W.; asc. 115 ft. over broken E. slope.
80.00	Point for the cor. of secs. 2, 3, 34 and 35. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T41S R5E S34 S35 S3 S2 T42S 1958</p> <p>Land, rolling and broken. Soil, sand and exposed sandstone. Timber, none. Undergrowth, black brush.</p>
	N. 89° 58' W., bet. secs. 3 and 34.
	Over broken land; asc. 85 ft. over E. slope.
9.90	Spur, slopes S.; desc. 90 ft. over W. slope.
12.20	Wash, 1 ft. deep, 20 lks. wide, drains S. 20° W.; asc. 70 ft. over SE. slope.
20.40	Low spur, slopes S.; desc. 50 ft. over W. slope.
28.30	Wash, 4 ft. deep, 50 lks. wide, drains S.; asc. 115 ft. over broken E. slope.
40.00	Point for the ¼ sec. cor. of secs. 3 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T41S R5E S34 S 3 T42S 1958</p> <p>Asc. 85 ft. over broken E. slope.</p>
46.60	Spur, slopes S.; desc. 180 ft. over broken W. slope.
54.10	Wash, 3 ft. deep, 40 lks. wide, drains S.; asc. 125 ft. over broken E. slope.
56.80	Spur, slopes S.; asc. 80 ft. along broken S. slope.
68.40	Spur, slopes S.; desc. 20 ft. along broken S. slope.

North Boundary of T. 42 S., R. 5 E.

Chains	
80.00	<p>Point for the cor. of secs. 3, 4, 33 and 34. 30 00 00A</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T41S R5E S33 S34 S4 S3 T42S 1958</p> <p>Land, broken. Soil, sand and exposed sandstone. Timber, none.</p>
13.10	<p>N. 89° 58' W., bet. secs. 4 and 33.</p> <p>Over broken land; asc. 20 ft. along broken S. slope.</p> <p>Spur, slopes S.; desc. 190 ft. over steep W. slope.</p>
26.70	<p>Small wash, drains S.; asc. 100 ft. over steep blue clay E. slope.</p>
28.60	<p>Blue clay spur, slopes S.; desc. 120 ft. along SW. slope.</p>
40.00	<p>Point for the ¼ sec. cor. of secs. 4 and 33.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T41S R5E ¼ S33 S 4 T42S 1958</p> <p>Cor. is located at the base of a steep descent, bears NW. and SE.</p> <p>Desc. 15 ft. over rolling bottom of Last Chance Canyon.</p>
61.70	<p>Wash in bottom of Last Chance Canyon, 2 ft. deep, 1 ch. wide, drains SE.; cont. over level land.</p>
66.40	<p>Base of steep ascent, bears NW. and SE.; asc. 170 ft. over broken NE. slope.</p>
80.00	<p>Point for the cor. of secs. 4, 5, 32 and 33.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T41S R5E S32 S33 S5 S4 T42S 1958</p> <p>Land, broken. Soil, sand, clay and exposed sandstone. Timber, none.</p>
	<p>N. 89° 58' W., bet. secs. 5 and 32.</p> <p>Over broken land; asc. 160 ft. over NE. slope.</p>

## North Boundary of T. 42 S., R. 5 E.

Chains	
22.80	Spur, slopes NE.; desc. 100 ft. over broken W. slope.
26.90	Small wash, drains NE.; asc. 140 ft. over broken E. slope.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 5 and 32.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T41S R5E $\frac{1}{2}$ S32 S 5 T42S 1958
	Asc. 150 ft. over broken E. slope.
63.20	Spur, slopes N.; desc. 40 ft. along broken N. slope.
80.00	Point for the cor. of secs. 5, 6, 31 and 32.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R5E S31 S32 S6 S5 T42S 1958
	Land, broken. Soil, sand and exposed sandstone. Timber, none.
	N. 89° 58' W., bet. secs. 6 and 31.
	Over broken land; desc. 30 ft. along N. slope.
4.50	Slope changes to W.; desc. 170 ft. over broken W. slope.
11.50	Wash, drains N. 10 chs., thence NE.; asc. 140 ft. over NE. slope.
19.00	Spur, slopes NE.; desc. 70 ft. over NW. slope.
26.50	Gully, drains NE.; asc. 300 ft. over broken E. slope.
34.70	Spur, slopes NE.; a small knoll with prominent white sandstone knob on top, bears N. 1 ch. dist.; desc. 50 ft. over W. slope.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 6 and 31.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T41S R5E $\frac{1}{2}$ S31 S 6 T42S 1958
	Desc. 30 ft. over W. slope.

North Boundary, T. 42 S., R. 5 E.

Chains	
45.60	Small wash, drains N.; asc. 90 ft. along NE. slope.
52.50	Point, projects N.; desc. 30 ft. over NW. slope.
58.80	Gully, drains N.; asc. 220 ft. over E. slope.
66.50	Spur, slopes NE.; desc. 120 ft. over NW. slope.
72.00	Wash, drains NE.; asc. 240 ft. over E. slope.
77.10	Spur, slopes N.; desc. 10 ft. over W. slope.
78.04	The cor. of Tps. 41 and 42 S., Rs. 4 and 5 E., an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.
	Land, broken.
	Soil, sand, clay and exposed sandstone.
	Timber, none.

Portion of the Subdivision of T. 42 S., R. 5 E.

	From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over rolling land; desc. 30 ft. over rolling W. slope.
7.10	Small wash, drains W.; asc. 50 ft. over S. slope.
20.40	Spur, slopes W.; desc. 30 ft. along W. slope.
28.00	Shallow drain, drains W.; asc. 30 ft. along rolling W. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 ins. in the ground, in a mound of stone, 2 $\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T42S R5E $\frac{1}{4}$ S35 S36 1958
	Asc. 15 ft. along rolling W. slope.
43.00	Spur, slopes W.; desc. 15 ft. over rolling W. slope.
51.00	Spur, slopes W.; desc. 50 ft. along rolling W. slope.
76.70	Head of small wash, drains SW.; asc. 10 ft. over gentle S. slope.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T42S R5E <u>S26 S25</u> S35 S36 1958
	No other accessories available; cor. falls on bare clay S. slope.
	Land, rolling.
	Soil, sand, clay and shale.
	Timber, none.
	Undergrowth, scattered black brush.

Continuation of the Subdivision, T. 42 S., R. 5 E.

Chains	
	From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp.
	Heat, bet. secs. 25 and 36.
	Over rolling land; asc. 50 ft. over E. slope.
8.50	Top of small knoll; asc. 50 ft. along S. slope.
20.60	Spur, slopes S.; desc. 40 ft. over W. slope.
35.80	Small wash, drains SE.; asc. 30 ft. over E. slope.
40.01	Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 21 ins. in the ground and in a collar of stone, with brass cap mkd.
	T42S R5E $\frac{1}{4}$ $\frac{325}{S36}$ 1958
	Asc. 110 ft. over E. slope.
51.80	Top of knoll, 6 chs. in diam.; desc. 45 ft. over W. slope of knoll.
53.30	Base of knoll; desc. 50 ft. along gentle S. slope.
80.02	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling. Soil, sand and clay. Timber, none. Undergrowth, scattered black brush.
	From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official records.
	N. $0^{\circ} 02'$ W., bet. secs. 33 and 34.
	Over rolling land with S. exposure; asc. 105 ft. over rolling S. slope.
33.90	W. end of knoll, 6 chs. diam.; desc. 60 ft. over N. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T42S R5E $\frac{1}{4}$ $\frac{S33}{S34}$ 1958
	Desc. 15 ft. over N. slope.
40.90	Base of N. slope, thence over a small bench.
54.40	S. rim of draw, bears E. and W.; desc. 50 ft. over N. slope.
60.40	Small wash in bottom of draw, drains E.; asc. 70 ft. over S. slope.
64.90	N. rim of same draw; desc. 60 ft. over N. slope.
72.00	Small wash, drains E.; asc. 90 ft. over S. slope.

Portion of the Subdivision, T. 42 S., R. 5 E.

Chains	
80.00	<p>Point for the cor. of secs. 27, 38, 33 and 34.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <div>T42S R5E S28 S27 S33 S34 1958</div> <p>Land, rolling and slightly broken. Soil, sand. Timber, none. Undergrowth, black brush.</p>
	<p>N. 0° 02' W., bet. secs. 27 and 28.</p> <p>Over rolling land; asc. 50 ft. over rolling S. slope.</p>
40.00	<p>Point for the ¼ sec. cor. of secs. 27 and 28.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <div>T42S R5E S28 S27 1958</div> <p>Asc. 10 ft. over S. slope.</p>
42.50	<p>W. end of small knoll, 1.50 chs. in diam.; asc. 145 ft. over slightly broken S. slope.</p>
75.50	<p>Wash, 30 lks. wide, 2 ft. deep, drains S. 75° W.; asc. 60 ft. over broken S. slope.</p>
80.00	<p>Point for the cor. of secs. 21, 22, 27 and 28.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <div>T42S R5E S21 S22 S28 S27 1958</div> <p>Land, rolling to broken. Soil, sand and exposed sandstone. Timber, none. Undergrowth, black brush.</p>
	<p>N. 0° 02' W., bet. secs. 21 and 22.</p> <p>Over broken land; asc. 640 ft. over steep S. slope.</p>
36.40	<p>Spur, slopes E.; desc. 40 ft. along E. slope on top of Smokey Mountain.</p>
40.00	<p>Point for the ¼ sec. cor. of secs. 21 and 22.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p>

Portion of the Subdivision, T. 42 S., R. 5 E.

Chains	
	<p>T42S R5E S21 S22 1958</p> <p>Desc. 20 ft. along E. slope.</p> <p>41.80 Small wash, drains S. 65° E.; asc. 170 ft. over SW. slope.</p> <p>52.80 Ridge on top of Smoky Mountain, bears S. 50° E. and W., thence over top of mountain.</p> <p>57.90 Rim, bears NE. and SW.; desc. 240 ft. over ledges and steep N. slope.</p> <p>66.50 Draw, drains N. 70° E.; asc. 25 ft. over SW. slope.</p> <p>80.10 Spur, slopes N. 80° W.; desc. 330 ft. over broken N. slope.</p> <p>89.00 Point for the cor. of secs. 15, 16, 21 and 22.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p>T42S R5E S16 S15 S21 S22 1958</p> <p>Land, broken. Soil, clay and shale. Timber, none.</p>
	<p>N. 0° 02' W., bet. secs. 15 and 16.</p> <p>Over broken land; desc. 415 ft. over broken N. slope of Smoky Mountain.</p> <p>40.00 Point for the ¼ sec. cor. of secs. 15 and 16.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p>T42S R5E S16 S15 1958</p> <p>Desc. 140 ft. over N. slope.</p> <p>49.15 Base of N. slope; desc. 145 ft. along E. slope at base of Smoky Mountain.</p> <p>71.50 S. edge of draw, bears NE. and SW.; desc. 100 ft. over NW. slope.</p> <p>73.20 Wash, in bottom of draw, 20 lks. wide, 1 ft. deep, drains NE.; asc. 60 ft. over SE. slope.</p> <p>76.90 Spur, slopes sharply E. 2.00 chs. to end; desc. 45 ft.</p> <p>80.00 Point for the cor. of secs. 9, 10, 15 and 16.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p>T42S R5E S 9 S10 S16 S15 1958</p>



Part of the Subdivision, T. 42 S., R. 5 E.

Chains	
	<p>Land, broken. Soil, clay and shale. Timber, none.</p>
	<p>N. 0° 02' W., bet. secs. 9 and 10.</p> <p>Over broken land; desc. 190 ft. along broken E. slope at base of Smoky Mountain.</p>
28.25	Wash, 20 lks. wide, 1 ft. deep, drains NE.; desc. 5 ft. along brush covered E. slope.
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 9 and 10.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T42S R5E S 9   S10 1958</p> <p>Desc. 40 ft. along brush covered E. slope.</p>
55.80	Small wash, drains E.; desc. 40 ft. along E. slope.
80.00	<p>Point for the cor. of secs. 3, 4, 9 and 10.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T42S R5E S4   S3 S9   S10 1958</p> <p>Land, broken. Soil, sand and exposed sandstone. Timber, none. Undergrowth, black brush.</p>
	<p>N. 0° 08' W., bet. secs. 3 and 4.</p> <p>Over slightly broken land; desc. 60 ft. over N. slope.</p>
11.70	S. rim of Last Chance Wash, bears NW. and SE.; desc. 65 ft. over N. slope.
16.00	Wash in bottom of Last Chance Canyon, 1 ch. wide, 4 ft. deep, drains 2 chs., thence meanders SE.; asc. 85 ft. over S. slope.
19.90	N. rim of same wash; asc. 40 ft. over gentle S. slope.
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 3 and 4.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone surface, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p>

Portion of the Subdivision, T. 42 S., R. 5 E.

Chains	
	<p>T42S R5E S4 S3 1958</p> <p>Asc. 80 ft. over gentle S. slope.</p> <p>54.00 Base of steep and broken S. slope; asc. 240 ft. over S. slope.</p> <p>79.81 The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., heretofore described.</p> <p>Land, broken.</p> <p>Soil, sand, clay and shale.</p> <p>Timber, none.</p> <p>Undergrowth, black brush.</p>
	<p>From the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp.</p> <p>S. 0° 01' E., bet. secs. 1 and 2.</p> <p>Over rolling land; desc. 40 ft. along gentle W. slope.</p> <p>39.94 Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 1 and 2.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p>T42S R5E <math>\frac{1}{4}</math> S2 S1 1958</p> <p>Cont. over gentle W. slope.</p> <p>40.00 Small wash, drains W.; asc. 20 ft. over W. slope.</p> <p>44.20 Top of rise, bears NE. and SW.; desc. 85 ft. over SE. slope.</p> <p>68.00 N. rim of Last Chance Canyon, bears S. 20° W. and NE.; desc. 140 ft. over ledgy S. slope.</p> <p>71.90 Point selected for the witness cor. of secs. 1, 2, 11 and 12.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p>T42S R5E S2 S1 S11 S12 W C 1958</p> <p>The witness cor. falls on second shelf below top of rim.</p> <p>Desc. 80 ft. along ledges facing W.</p> <p>79.94 Point for the cor. of secs. 1, 2, 11 and 12, falls on inaccessible ledges facing W. and cannot be monumented.</p> <p>Land, rolling and broken.</p> <p>Soil, sand and exposed sandstone.</p> <p>Timber, none.</p>

## Portion of Subdivision, T. 42 S., R. 5 E.

Chains	
	N. 89° 55' W., bet. secs. 2 and 11, counting dist. from the true point for the cor. of secs. 1, 2, 11 and 12.
	Over broken land; desc. 170 ft. over ledges facing W.
3.50	Wash, drains S.; asc. 340 ft. over ledges facing E.
7.50	Point, projects S.; desc. 320 ft. over ledges facing SW.
13.20	Wash, drains SE.; asc. 320 ft. over ledges facing E.
19.30	Rim, bears SE. and NW.; asc. 90 ft. over E. slope.
24.40	Top of ascent, bears N. and S.; desc. 50 ft. over rolling W. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T42S R5E $\frac{1}{4}$ S 2 S11 1958
	Desc. 40 ft. over W. slope.
63.60	Rim, bears S. and NW.; desc. 260 ft. over ledges facing W.
70.00	Wash, drains S.; asc. 180 ft. over ledges facing E.
74.00	Point, projects S.; desc. 180 ft. over ledges facing W.
76.50	Wash, drains S.; asc. 180 ft. over ledges facing E.
79.80	Rim, bears N. and S.; thence over rolling land.
80.00	Point for the cor. of secs. 2, 3, 10 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone surface, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T42S R5E S3/S2 S19/S11 1958
	Land, broken and rolling. Soil, sand and exposed sandstone. Timber, none.
	N. 0° 04' W., bet. secs. 2 and 3.
	Over rolling land, with S. exposure; asc. 85 ft.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T42S R5E $\frac{1}{4}$ S3/S2 1958

Portion of the Subdivision, T. 42 S., R. 5 E.

Chains	
40.00	Asc. 50 ft. over rolling S. slope.
64.00	Base of ascent, bears E. and W.; asc. 110 ft. over S. slope.
74.30	Spur, slopes SW.; desc. 90 ft. over NW. slope.
79.85	The cor. of secs. 23, 34 and 35, on the N. bdy. of the Tp., heretofore described.
	Land, rolling and broken. Soil, sand and exposed sandstone. Timber, none.
	From the cor. of secs. 15, 16, 21 and 22.
	West, bet. secs. 16 and 21.
	Over broken land; desc. 55 ft. along N. slope of Smoky Mountain.
16.50	Deep gully, drains N.; desc. 30 ft. along N. slope.
33.30	Base of N. slope; asc. 10 ft. across brush flat.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T42S R5E $\frac{1}{4}$ S16 S21 1958
	Asc. 20 ft. over brush flat.
50.80	Base of steep and ledgy NE. slope, bears NW. and SE.; asc. 380 ft. over NE. slope and ledges facing NE.
64.10	Top of NE. slope, bears NW. and SE.; desc. 20 ft. over brushy bench facing N.
72.10	Gully, drains NE.; asc. 75 ft. over NE. slope.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground, to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T42S R5E S17   S16 S20   S21 1958
	Land, broken N. slope of Smoky Mountain. Soil, sand and exposed sandstone. Timber, none. Undergrowth, scattered black brush and bunch grass.
	N. $0^{\circ} 03'$ W., bet. secs. 16 and 17.
	Over broken land; asc. 50 ft. over small bench on N. slope of Smoky Mountain.

## Portion of Subdivision, T. 42 S., R. 5 E.

Chains

12.40

Rim, bears NW. and SE.; desc. 330 ft. over ledgy NE. slope.

20.90

Base of NE. slope; desc. 90 ft. along E. slope.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to bedrock, in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T42S R5E

 $\frac{1}{4}$ 

S17|S16

1958

Desc. 10 ft. along E. slope.

41.00

S. rim of deep ravine, bears SW. and E. irregularly; desc. 220 ft. over steep N. slope.

47.20

Wash in bottom of ravine, 4 ft. deep, 30 lks. wide, drains E.; asc. 160 ft. over steep S. slope.

53.50

N. rim of same ravine, bears SW. and NE.; asc. 80 ft. along broken E. slope.

74.00

Base of steep slope, bears SW. and NE.; asc. 100 ft. over ledgy SE. slope.

80.00

Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S R5E

S8|S9

S17|S16

1958

Land, broken.

Soil, sand and rocks.

Timber, none.

From the cor. of secs. 9, 10, 15 and 16.

N.  $89^{\circ} 57'$  W., bet. secs. 9 and 16.

Over broken land; asc. 70 ft. over E. slope.

3.70

Spur, slopes NE.; desc. 50 ft. over NW. slope.

9.00

Small wash, drains NE.; asc. 60 ft. over SE. slope.

13.50

Spur, slopes NE.; desc. 70 ft. over NW. slope.

18.80

Wash, 5 ft. deep, 60 lks. wide, drains NE.; asc. 70 ft. over SE. slope.

23.00

Low spur, slopes NE.; desc. 60 ft. over NW. slope.

28.80

Small wash, drains NE.; asc. 120 ft. over SE. slope.

34.80

Spur, slopes NE.; desc. 120 ft. over NW. slope.

39.90

Wash, 3 ft. deep, 30 lks. wide, drains NE.; asc. E. slope.

Portion of the Subdivision, T. 42 S., R. 5 E.

Chains	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16, on the E. slope of ravine. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T42S R5E S 9 S 16 1958
54.20	Asc. 265 ft. over broken E. slope. Spur, slopes SE.; desc. 45 ft. over SW. slope.
56.00	Wash, drains S. from W.; asc. 280 ft. along S. side of ravine.
76.00	Head of same ravine, drains to N. 70° E.; asc. 145 ft. over steep and ledgy E. slope.
79.99	The cor. of secs. 8, 9, 16 and 17. Land, broken. Soil, sand, rocks and exposed sandstone. Timber, none.
	From the cor. of secs. 4, 5, 32 and 33, on the S. bdy., an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record. From the cor. of secs. 4, 5, 32 and 33, N. 0° 03' W., bet. secs. 32 and 33. Over rolling land covered with black brush; asc. 15 ft. along E. slope.
14.70	Top of ascent; desc. 60 ft. over N. slope.
22.50	Rim of Gunsight Canyon, bears NW. and SE.; desc. 240 ft. over ledges facing NE.
34.50	Wash in bottom of Gunsight Canyon, drains SE.; asc. 240 ft. over ledges facing SW.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33 falls on inaccessible ledges of N. rim of canyon and cannot be monumented.
43.50	N. rim of Gunsight Canyon, bears NW. and SE.
43.65	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., one solid stone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T42S R5E $\frac{1}{4}$ S 32   S 33 W C 1958
	Asc. 90 ft. over gentle S. slope.
80.00	Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.
	T42S R5E S 29   S 28 S 32   S 33 1958
	Land, rolling and broken. Soil, sand and exposed sandstone.

Portion of the Subdivision, T. 42 S., R. 5 E.

Chains		
	Timber, none. Undergrowth, black brush and bunch grass.	00.00
	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy., a 2 ins. iron post, set, mkd. and witnessed as described in the official record. N. 0° 03' W., bet. secs. 31 and 32. Over rolling land; desc. 15 ft. over rolling N. slope.	
7.40	Rocky knoll, 3 chs. diam., 10 ft. high; desc. 75 ft. over rolling N. slope	00.00
33.10	Small wash, drains N. 40° E.; desc. gentle N. slope.	00.00
40.00	Point for the 1/4 sec. cor. of secs. 31 and 32. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground in a collar of stone, with brass cap mkd. T42S R5E 1/4 S31 S32 1958 Desc. 105 ft. over rolling N. slope.	
80.00	Point for the cor. of secs. 29, 30, 31 and 32. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd. T42S R5E S30 S29 S31 S32 1958	
	Land, rolling. Soil, sand and exposed sandstone. Timber, none. Undergrowth, black brush and bunch grass.	
	From the cor. of secs. 28, 29, 32 and 33. West, bet. secs. 29 and 32. Over rolling land; asc. 5 ft. along S. slope.	
6.50	Slope changes; desc. 60 ft. over W. slope.	
37.40	Point selected for the witness 1/4 sec. cor. of secs. 29 and 30. Set an iron post, 30 ins. long, 2 1/2 ins. diam., over address (X) on solid stone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T42S R5E 1/4 W S29 C S32 1958	
37.50	Cont. over W. slope. Rim of Gunsight Canyon, bears N. and SE., desc. 200 ft. over series of ledges facing W.	

## Portion of the Subdivision, T. 42 S., R. 5 E.

Chains	Notes
40.02	Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32, falls on inaccessible ledge and cannot be monumented.
43.50	Wash in bottom of same canyon, drains SE. irregularly; asc. 190 ft. over ledges facing E.
46.00	W. rim of same canyon, bears N. and SE.; asc. 50 ft. along gentle N. slope covered with black brush and patches of barren sandstone.
80.04	<p>The cor. of secs. 29, 30, 31 and 32.</p> <p>Land, rolling and broken.  Soil, sand and exposed sandstone.  Timber, none.  Undergrowth, black brush and bunch grass.</p>
	General Description
	<p>The area within T. 42 S., R. 5 E. is comprised of rugged desert land with elevations of 3600 to 5200 ft. above sea level.</p> <p>The Smoky Mountain, a high ridge, divides the drainage and bears southeast and northwest through the township. Last Chance Creek drains the northeast portion of the township southeasterly to the Colorado River. The southwest portion of the township is drained south to the Colorado River by Gunsight and Navajo Canyons.</p> <p>The benchland portions of the township are covered with a scant growth of bunch grass and black brush and suitable for light winter grazing. The top and slopes of Smoky Mountain are covered with a scattered growth of scrub juniper and pinon.</p> <p>No surface evidence of mineral deposits were noted.</p> <p>Access to survey lines was provided by helicopters.</p>





# CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 27th day of August, 1959 I have surveyed the north and east boundaries and a portion of the subdivision of T. 42 S., R. 5 E.

of the Salt Lake Meridian, in the State of Utah, which is represented in the foregoing field notes as having been executed by me and under my direction; and the said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

May 8, 1959

*Craig P. Sylvester*  
Craig P. Sylvester  
Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
 Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_

\_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
 Cadastral Engineering Staff Officer.

# CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959, I have ~~surveyed~~ supervised the survey of the north and east boundaries and a portion of the subdivision of T. 42 S., R. 5 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed ~~by me and under my direction~~ under my supervision, and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah  
May 8, 1959

  
Vern E. Lane

Cadastral Surveyor (Chief of Party)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 9 1959, 19

The foregoing field notes of the survey of the north and east boundaries and a portion of the subdivision of T. 42 S., R. 5 E., Salt Lake Meridian, Utah

executed by Craig P. Sylvester, Cadastral Surveyor, under the supervision of Vern E. Lane, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.

  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 42 S. R. 5 E., SLM, Utah, is a true copy of the original field notes.

*Cadastral Engineering Staff Officer*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE EAST AND NORTH BOUNDARIES

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 42 SOUTH, RANGE 6 EAST

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Craig P. Sylvester - Cadastral Surveyor

Dell Cazier - Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided

for the surveys included under Group No. 408, approved November 8, 1956

and assignment instructions dated May 7, 1958

Survey commenced June 30, 1958

Survey completed August 27, 1958

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Township 42 South, Range 6 East

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16-56770-1

Craig P. Sylvester \_\_\_\_\_

Dell Cazier \_\_\_\_\_

2097

## Township 42 South, Range 6 East

Chains

The south boundary was surveyed by E. Bird in 1934. The west boundary was surveyed concurrently with this township and is described in the field notes of Tp. 42 S., R. 5 E.

The following field notes are those of the survey of the north and east boundaries and a portion of the subdivision of Tp. 42 S., R. 6 E., deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections that are normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits, serial Nos. 541326 and 461263, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude  $37^{\circ} 06' 23.9''$  N. and longitude  $111^{\circ} 11' 58.0''$  W., as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ}$  E.

North Boundary of Twp 42 S., R. 6 E.

Chains

ened

The point for the cor. of Tps. 41 and 42 S., Rs. 6 and 7 E. is established east of the cor. of Tps. 41 and 42 S., Rrs 5 and 6 E., 479.43 chs. dist.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.

T41S  
R6E R7E  
S36 S31  
S 1 S 6  
T42S  
1958

From this cor., U. S. G. S. triangulation station "Rock Creek" bears S. 73° 05' W., 29.82 chs. dist., as determined by traverse, a brass tablet conforming to the record.

West, bet. secs. 1 and 36,

Over rolling land, general E. slope; asc. 400 ft. over rolling E. sl

20.00 Base of ledge, bears N. and S.; by triangulation asc. approx. 1000

32.90 End of triangulation on a rim bearing N. and S.; desc. 170 ft. over steep W. slope.

40.00 Point for the ¼ sec. cor. of secs. 1 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R6E  
¼ S36  
S 1  
T42S  
1958

Desc. 30 ft. over steep W. slope.

40.80 Small wash, drains S.; asc. 200 ft. over ledgy E. slope.

50.30 Top of ascent, bears N. and S.; thence over rolling land.

62.40 Enter broken land; desc. 190 ft. over ledgy W. slope.

79.50 Wash, 10 lks. wide, 1 ft. deep, course S.

80.00 Point for the cor. of secs. 1, 2, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T41S R6E  
S35 S36  
S 2 S 1  
T42S  
1958

Land, rolling and broken.  
Soil, sand.  
Timber, thinly scattered juniper and pinon.  
Undergrowth, blackbrush and mountain rush.

North Boundary of T<sub>42</sub> S., R. 6 E.

## Chains

	West, bet. secs. 2 and 35.
	Over broken land; asc. 170 ft. over ledgy E. slope.
4.00	Rim, bears N. and S.; desc. 70 ft. over ledgy NW. slope.
10.40	Wash, 10 lks. wide, 1 ft. deep, drains SW.; asc. 50 ft. over SE. slope.
13.60	Top of steep ascent; thence over rolling land.
30.60	Enter broken land; desc. 60 ft. over ledgy NW. slope.
33.20	Wash, 10 lks. wide, 1 ft. deep, drains SW.; asc. 40 ft. over ledgy SE. slope.
35.40	Top of steep ascent; desc. 20 ft. over W. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) cut in bedrock, and in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T41S R6E $\frac{1}{4}$ $\frac{S35}{S 2}$ T42S 1958
42.00	Desc. 140 ft. over ledgy W. slope.
45.50	Head of wash, drains SW.; asc. 100 ft. over ledgy SE. slope.
48.00	Top of broken ledge, bears NE. and SW.; desc. 500 ft. over ledgy NW. slope.
61.20	Bulldozed road, bears N. and S.
77.70	Wash, 20 lks. wide, 1 ft. deep, drains SW.; asc. 60 ft. over ledgy SE. slope.
80.00	Point for the cor. of secs. 2, 3, 34 and 35.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R6E S34   S35 S 3   S 2 T42S R6E 1958
	Land, rolling and broken. Soil, sand. Timber, none; undergrowth, blackbrush and mountain rush.
	West, bet. secs. 3 and 34.
	Over broken land.
0.70	Top of ascent; desc. 100 ft. over ledgy NW. slope.
10.70	Wash, 20 lks. wide, 1 ft. deep, drains SW.; asc. 90 ft. over ledgy SE. slope.
15.00	Top of ascent, bears NE. and SW.; desc. 110 ft. over ledgy W. slope.



## North Boundary of T. 42 S., R. 6 E.

Chains		entire
29.50	Wash, 30 lks. wide, 1 ft. deep, drains S.; asc. 100 ft. over ledgy E. slope.	
31.80	Top of ascent, bears irregularly N. and S.; asc. 20 ft. over E. slope.	
35.30	Low ridge, bears N. and S.; desc. 40 ft. over W. slope.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 34. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T41S R6E $\frac{1}{4}$ $\frac{S34}{S3}$ T42S 1958.	
	Enter rolling land.	
43.90	Wash, 20 lks. wide, 1 ft. deep, drains S.	
54.00	Wash, 10 lks. wide, 1 ft. deep, drains SW.	
58.15	Top of flat topped hill.	
74.00	Wash, 10 lks. wide, 1 ft. deep, drains SW.	
80.00	Point for the cor. of secs. 3, 4, 33 and 34. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T41S R6E $\frac{S33}{S4}$ $\frac{S34}{S3}$ T42S 1958	
	Land, rolling mesa top of Grand Bench. Soil, sand. Timber, none; undergrowth, blackbrush and mountain rush.	
	West, bet. secs. 4 and 33. Over rolling land.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 4 and 33. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd. T41S R6E $\frac{1}{4}$ $\frac{S33}{S4}$ T42S 1958.	
	Continue over rolling land.	
75.50	Wash, 30 lks. wide, 1 ft. deep, drains SW.	

## North Boundary of Tp. 42 S., R. 6 E.

## Chains

79.80 Broken ledge, 10 ft. high, bears irregularly NE. and SW.

80.00 Point for the cor. of secs. 4, 5, 32 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R6E

 $\frac{S32}{S5}$   $\frac{S33}{S4}$ 

T42S

1958

Land, rolling.

Soil, sand.

Timber, none; undergrowth, blackbrush and mountain rush.

West, bet. secs. 5 and 32.

Over rolling land.

23.10 Small wash, drains N.

40.00 Point for the  $\frac{1}{2}$  sec. cor. of secs. 5 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R6E

 $\frac{1}{2} \frac{S32}{S5}$ 

T42S

1958

Desc. 80 ft. over slight W. slope.

70.00 E. rim of Little Valley Canyon, bears irregularly N. and S.; by triangulation desc. about 800 ft. over ledge facing W.

80.00 True point for the cor. of secs. 5, 6, 31 and 32 falls on inaccessible ledge where the cor. cannot be monumented.

Land, rolling and broken.

Soil, sand.

Timber, none; undergrowth, blackbrush and mountain rush.

West, bet. secs. 6 and 31.

Over broken land; desc. over rough W. slope.

1.30 Point selected for the witness cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T41S R6E

 $\frac{S31}{S6}$   $\frac{S32}{S5}$  W C

T42S

1958

North Boundary of Tp. 42 S., R. 6 E.

Chains

Desc. 40 ft. over boulder strewn W. slope.

3.70 Thence over nearly level stream valley.

10.00 Wash in bottom of Little Valley Canyon, 1.50 chs. wide, 2 ft. deep, drains S.; asc. about 800 ft. over rim facing E.

20.90 W. rim of same canyon, bears irregularly N. and S.; thence over rolling land.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 6 and 31.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T41S R6E

$\frac{1}{4}$   $\frac{S31}{S6}$

T42S

1958

Continue over rolling land.

73.00 Small wash, drains NE.

79.43 The cor. of Tps. 41 and 42 S., Rs. 5 and 6 E., an iron post,  $2\frac{1}{2}$  ins. diam., firmly set, mkd. and witnessed as described in the field notes of the survey of Tp. 42 S., R. 5 E.

Land, rolling.

Soil, sand.

Timber, none; undergrowth, blackbrush and mountain rush.

East Boundary of Tp. 42 S., R. 6 E.

From the cor. of Tps. 42 and 43 S., Rs. 6 and 7 E., monumented by an iron post, 3 ins. diam., firmly set, mkd. and witnessed as described in the field notes of the 1934 survey of Tp. 43 S., R. 6 E.

N.  $0^{\circ} 01'$  W., bet. secs. 31 and 36.

Over rough and broken land in bottom of canyon; by triangulation asc. about 300 ft. over steep SW. slope of canyon wall.

33.72 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T42S

R6E R7E

$\frac{1}{4}$   $\frac{W6}{S36}$

S36 S31

1958

Asc. about 50 ft. over precipitous SW. slope.

40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36 falls on inaccessible ledges where monument cannot be perpetuated.

## J. D. R. R. 2 East Boundary of Tract 2 S., R. 6 E.

Chains

53.00 Continue over canyon wall; asc. about 680 ft., W 10° N.  
 67.00 (N. rim of canyon) bears W. and SE. End of triangulation; asc. 20 ft. over gentle SW. slope on Grand Bench.

80.00 Point for the cor. of secs. 25, 30, 31 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S

R6E R7E

S25|S30

S36|S31

1958

Land, rough and broken.

Soil, sandy clay and exposed sandstone.

Timber, none.

N. 0° 01' W., bet. secs. 25 and 30.

Over rolling land on Grand Bench; asc. 50 ft. over SW. slope.

20.70 Top of ascent, bears E. and W.; desc. 60 ft. over rolling N. slope.

40.00 Point for the ¼ sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long, 2½ ins. diam., 9 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S

R6E R7E

S25|S30

S36|S31

1958

Continue over rolling N. slope; desc. 20 ft.

48.00 S. rim of draw, bears NE. and SW.; desc. 80 ft. over steep NW. slope.

61.30 Wash in bottom of draw, drains N. 70° E. about 5 chs. to rim of Rock Creek Canyon; asc. 50 ft. over steep SE. slope.

77.60 N. rim of draw, bears NE. and SW.; desc. 10 ft. along gentle E. slope.

80.00 Point for the cor. of secs. 19, 24, 25 and 30.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S

R6E R7E

S24|S19

S25|S30

1958

Land, rolling on Grand Bench.

Soil, sandy clay and exposed sandstone.

Timber, none.

## East Boundary of Twp. 42 S., R. 6 E.

Chains

201611

N. 0° 01' W., bet. secs. 19 and 24.

Over rolling land on Grand Bench; desc. 60 ft. along E. slope.

16.70 Wash, 5 ft. deep, 60 lks. wide, drains E. about 5 chs. to rim of Rock Creek Canyon; asc. 90 ft. over SE. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S  
R6E R7E $\frac{1}{4}$   
S24 | S19  
1958

Asc. 50 ft. over SE. slope.

52.90 Slope changes to rolling E. slope; asc. 10 ft.

62.50 Top of ascent, bears E. and W.; desc. 80 ft. over rolling N. slope.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.

T42S  
R6E R7ES13 | S18  
S24 | S19  
1958Land, rolling on Grand Bench.  
Soil, sandy clay and exposed sandstone.  
Timber, none.

N. 0° 01' W., bet. secs. 13 and 18.

Over nearly level land on Grand Bench.

0.70 W. rim of Rock Creek Canyon, bears E. and NW.; thence by triangulation desc. about 1000 ft. over W. slope of canyon wall.

33.50 Small wash, drains NE. about 10 chs. to junction with larger wash; asc. about 100 ft. over steep SE. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S  
R6E R7E $\frac{1}{4}$   
S13 | S18  
1958

Cor. is located on a spur projecting E.

Continue by triangulation; desc. about 140 ft. over steep NE. slope.

Base Boundary of T42 S., R. 6 E.

Chains	
59.00	Small wash, drains SE.; asc. about 840 ft. over steep SW. slope.
73.70	Narrow point on W. rim of canyon, projects S. 75° E. about 15 chs. to end.
73.72	Point selected for the witness cor. of secs. 7, 12, 13 and 18. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	<div>T42S R6E R7E W C S12 S 7 S13 S18 1958</div>
	Desc. about 320 ft. over precipitous NE. slope of canyon wall.
80.00	Point for the cor. of secs. 7, 12, 13 and 18 falls on ledgy slope where the cor. cannot be monumented.  Land, rough and broken breaks and walls of Rock Creek Canyon. Soil, sandy clay and exposed sandstone. Timber, none.
	N. 0° 01' W., bet. secs. 7 and 12.  Over rough and broken walls of Rock Creek Canyon; continue by triangulation, desc. about 500 ft. over steep NE. slope.
23.00	Small wash, drains S. 80° E.; asc. about 50 ft. over S. slope.
24.50	Spur, projects E.; desc. about 50 ft. over N. slope.
30.00	Small wash, drains SE.; asc. about 120 ft. over steep SW. slope.
38.38	Point selected for the witness ¼ sec. cor. of secs. 7 and 12.  Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	<div>T42S R6E R7E W C S12 S 7 1958</div>
40.00	True point for the ¼ sec. cor. of secs. 7 and 12 falls in an inaccessible crevice.  Asc. 130 ft. over precipitous SW. slope.
73.80	Top of ascent on spur, projects S. 25° E. from NW.; desc. about 150 ft. over steep NE. slope.
80.00	Point for the cor. of secs. 1, 6, 7 and 12.  Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

## East Boundary of Tp. 42 S., R. 6 E.

Chains

T42S  
R6E R7E  
S 1 | S 6  
S12 | S 7  
1958

Land, rough and broken breaks and walls of Rock Creek Canyon.  
Soil, sandy clay and exposed sandstone.  
Timber, none.

N. 0° 01' W., bet. secs. 1 and 6.

Over rough and broken land; continue by triangulation, desc. 50 ft. over NE. slope.

22.30 Slope changes to E.; asc. 30 ft. End of triangulation.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 6.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S  
R6E R7E  
 $\frac{1}{4}$   
S 1 | S 6  
1958

Continue along rolling E. slope; asc. 120 ft.

79.63 The cor. of Tps. 41 and 42 S., Rs. 6 and 7 E., an iron post,  $2\frac{1}{2}$  ins. diam., hereinbefore described.

Land, rolling and broken.  
Soil, sandy clay and exposed sandstone.  
Timber, none.

## Portion of the Subdivision, Tp. 42 S., R. 6 E.

From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, monumented by an iron post, 2 ins. diam., firmly set, mkd. and witnessed as described in the field notes of the 1934 survey of Tp. 43 S., R. 6 E.

N. 0° 02' W., bet. secs. 35 and 36.

Over rolling land; asc. 40 ft. over S. slope of Brand Bench.

18.70 Top of ascent, bears E. and NW.; desc. 40 ft. over NE. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S R6E  
 $\frac{1}{4}$   
S35 | S36  
1958

Continue along rolling E. slope; desc. 50 ft.

E. 6 E. 2. Position of the boundary line, T. 42 S., R. 6 E.

Chains		Notes
80.00	Point for the corner of secs. 25, 26, 35 and 36	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
		<p>T42S R6E  S26 S25  S35 S36  1958</p>
		<p>Car. is located on second half below canyon rim.</p> <p>Land, rolling and broken.</p> <p>Soil, sandy clay and exposed sandstone.</p> <p>Timber, none.</p>
		<p>From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township.</p> <p>N. 89° 59' W., bet. secs. 25 and 36.</p> <p>Over rolling land on Grand Bench; by triangulation desc. about 50 ft. over SW slope.</p>
22.00	E. rim of canyon, bears S. and N. 30° W.; desc. about 850 ft. abruptly over canyon wall.	
40.01	Point for the 1/4 sec. cor. of secs. 25 and 36 falls on inaccessible portion of canyon wall.	
42.24	Point selected for the witness 1/4 sec. cor. of secs. 25 and 36.	
		<p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p>T42S R6E  1/4 S25 W  S36 C  1958</p> <p>Desc. about 60 ft. over W. slope.</p>
55.00	Small wash, near head, drains irregularly S. 30° E.; asc. about 900 ft. over steep E. slope of canyon wall.	
80.02	The cor. of secs. 25, 26, 35 and 36. End of triangulation.	
		<p>Land, rough and broken.</p> <p>Soil, sandy clay and exposed sandstone.</p> <p>Timber, none.</p>
		<p>From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, monumented by an iron post, 2 ins. diam., firmly set, mkd. and witnessed as described in the field notes of the 1934 survey of Tp. 43 S., R. 6 E.</p> <p>N. 0° 04' W., bet. secs. 32 and 33.</p> <p>Over rolling and broken land in bottom of Last Chance Canyon; desc. about 80 ft. over NE slope.</p>



Chains		marked
26.00	Wash in bottom of Last Chance Canyon, 2 ft. deep, 100 ch. wide, drains irregularly S. 30° E.; asc. about 40 ft. along W. slope.	
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.	00.08
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground to bedrock, and in a collar of stone, with brass cap mkd.	
	T42S R6E S32 S33 1958	
	Continue along W. slope.	
59.00	Wash, drains W. about 3 chs. to junction with Last Chance Wash; asc. about 80 ft. over series of low spurs projecting W.	
80.00	True point for the cor. of secs. 28, 29, 32 and 33 falls in an unsafe position on face of sandstone ledge where cor. cannot be perpetuated.	
	from which	
	Point selected for the witness cor. of secs. 28, 29, 32 and 33 bears N. 89° 58' E., 2.68 chs. dist.	
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T42S R6E W S29 S28 C.S32 S33 1958	
	Land, rolling and broken.	
	Soil, sandy clay and exposed sandstone.	
	Timber, none.	
	N. 0° 04' W., bet. secs. 28 and 29.	
	Over rough and broken land in Last Chance Canyon; asc. about 480 ft. over steep S. slope of canyon wall. By traverse, topography approx. as scaled from U.S.G.S. topographic maps.	
24.00	Spur, projects SW.; thence along precipitous W. slope of canyon wall.	
40.00	True point for the ¼ sec. cor. of secs. 28 and 29 falls in inaccessible position on face of canyon wall where cor. cannot be monumented.	
56.00	Spur, projects NW.; desc. about 480 ft. over steep N. slope.	
68.00	Base of ascent, bears E. and W.; asc. about 100 ft. over steep SW. slope.	
79.25	Point selected for the witness cor. of secs. 20, 21, 28 and 29.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T42S R6E W C S20 S21 S29 S28 1958	

Portion of the Subdivision, T<sub>4</sub> 42 S., R. 6 E.

Chains	
80.00	True point for the cor. of secs. 20, 21, 28 and 29 falls in an inaccessible position on face of canyon wall. Land, rough and broken. Soil, sandy clay and exposed sandstone. Timber, none.
	N. 0° 04' W., bet. secs. 20 and 21. Over rough and broken land in Last Chance Canyon; continue be traverse; asc. about 120 ft. over steep SW. slope.
6.00	Spur, projects W.; desc. about 420 ft. over steep NW. slope.
33.00	Wash, drains SW. from N. 60° E.; asc. about 100 ft. over S. slope.
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 20 and 21 falls in an inaccessible position on face of canyon wall. Asc. about 800 ft. over precipitous S. slope of canyon wall.
51.00	E. rim of canyon, bears NE. and S. 60° W.; end of traverse. Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 20 and 21. Set an iron post, 20 ins. long, 1 in. diam., in a drilled hole in solid sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd. <div style="text-align: center;">T42S R6E <math>\frac{1}{4}</math> S20 S21 W C 1958</div> Thence over rolling top of bench; asc. 10 ft. over S. slope.
62.20	Top of ascent, bears E. and W.; desc. 80 ft. over NW. slope.
68.70	Low rim, bears W. on curve from NE.; desc. 10 ft. over NW. slope.
80.00	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground to bedrock, and in a collar of stone, with brass cap mkd. <div style="text-align: center;">T42S R6E S17 S16 S20 S21 1958</div> Land, rough and broken to rolling and broken. Soil, sandy clay and exposed sandstone. Timber, none.
	N. 0° 04' W., bet. secs. 16 and 17. Over rolling and broken land; desc. 20 ft. over NW. slope.
23.50	Spur, projects W. about 3 chs. to end on rim of canyon; desc. 40 ft. over N. slope.
24.80	S. rim of canyon, bears NE. and SW.; by triangulation desc. about 500 ft. over precipitous NW. slope of canyon wall.

Portion of the Subdivision, T<sub>42</sub> S., R. 6 E.

Chains	Station
40.00	<p>Point for the <math>\frac{1}{2}</math> sec. cor. of secs. 16 and 17; end of triangulation.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 20 ins. in the ground to bedrock, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T42S R6E <math>\frac{1}{2}</math> S17 S16 1958</p> <p>Continue over broken W. slope; asc. 10 ft.</p>
55.00	<p>Spur, projects N. <math>75^{\circ}</math> W.; desc. 190 ft. over broken NW. slope.</p>
78.10	<p>Wash in bottom of canyon, 1 ft. deep, 90 lks. wide, drains SW.; asc. 20 ft. over SE. slope.</p>
80.00	<p>Point for the cor. of secs. 8, 9, 16 and 17.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T42S R6E S 8 S 9 S17 S16 1958</p> <p>Land, rough and broken. Soil, sandy clay and exposed sandstone. Timber, none.</p>
36.70	<p>N. <math>0^{\circ} 04'</math> W., bet. secs. 8 and 9.</p> <p>Over broken land; by triangulation asc. about 700 ft. over SE. slope of canyon wall.</p> <p>N. rim of canyon, bears N. <math>75^{\circ}</math> E. and SW.; end of triangulation.</p>
40.00	<p>Point for the <math>\frac{1}{2}</math> sec. cor. of secs. 8 and 9.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T42S R6E <math>\frac{1}{2}</math> S 8 S 9 1958</p> <p>Asc. 50 ft. over rolling SE. slope.</p>
73.10	<p>Top of ascent, bears NE. and SW.; desc. 20 ft. over rolling N. slope.</p>
80.00	<p>Point for the cor. of secs. 4, 5, 8 and 9.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T42S R6E S 5 S 4 S 8 S 9 1958</p>

Portion of the Subdivision, Tp. 42 S., R. 6 E.

Chains

Land, S.  $\frac{1}{2}$  mile rough and broken, N.  $\frac{1}{2}$  mile rolling.  
Soil, sandy clay and exposed sandstone.  
Timber, none.

N.  $0^{\circ} 09' W.$ , bet. secs. 4 and 5.

Over rolling land; desc. 10 ft. over NW. slope.

4.90 Wash, 1 ft. deep, 20 lks. wide, drains W.; asc. 20 ft. over SW. slope.

14.80 Top of ascent, bears E. and W.; desc. 20 ft. over rolling NW. slope.

27.00 S. rim of deep ravine, bears E. and W.; desc. abruptly 60 ft. over ledgy N. slope.

40.00 Small wash in bottom of ravine, drains W.

Point for the  $\frac{1}{4}$  sec. cor. of secs. 4 and 5.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 3 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R6E

S 5 $\frac{1}{2}$ S 4

1958

Asc. 80 ft. over ledgy S. slope of ravine.

45.00 N. rim of ravine, bears E. and W.; thence over nearly level land.

46.50 Rim of ledges, bears E. and W.; desc. 80 ft. over broken N. slope.

68.00 Wash, 2 ft. deep, 30 lks. wide, drains W.; asc. 20 ft. over S. slope.

70.40 Top of ascent, bears E. and W.; desc. 20 ft. over N. slope.

74.40 Wash, drains W.; asc. 30 ft. over S. slope.

79.99 The cor. of secs. 4, 5, 32 and 33 on the N. bdy. of the township.

Land, rolling and broken.

Soil, sandy clay and exposed sandstone.

Timber, none.

From the cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the township, previously described.

S.  $0^{\circ} 02' E.$ , bet. secs. 1 and 2.

Over rough and broken land, through scattered timber; asc. 50 ft. along steep E. slope.

10.10 Top of ascent, bears SE. and NW.; desc. 130 ft. over broken SW. slope.

35.80 Small wash, drains W.; asc. 10 ft. over NW. slope.

39.72 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) on solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

Portion of the Subdivision, Tp. 42 S., R. 6 E.

Chains

T42S R6E

S 2 | S 1  
1958

Asc. 40 ft. over NW. slope.

42.70 Spur, projects W.; desc. 130 ft. over SW. slope.

54.50 Small wash, drains S. 15° E.; continue over SE. slope; desc. 30 ft.

65.90 W. rim of Rock Creek Canyon, bears N. 15° E. and S. 15° W.; desc. about 320 ft. over canyon wall.

79.72 True point for the cor. of secs. 1, 2, 11 and 12 falls on inaccessible portion of canyon wall where the cor. cannot be monumented.

Land, rough and broken.

Soil, sandy clay and exposed sandstone.

Timber, scattered pinon and juniper.

S. 89° 56' W., bet. secs. 2 and 11.

Over rough and broken land; asc. about 300 ft. over precipitous E. slope of canyon wall.

5.60 W. rim of Rock Creek Canyon, bears S. and N. 10° E.

5.67 Point selected for the witness cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T42S R6E

S 2 | S 1 W  
S11 | S12 C  
1958

Thence over nearly level land.

40.00 Point for the ¼ sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T42S R6E

¼ S 2  
S11  
1958

Desc. 130 ft. over broken SW. slope.

68.30 Wash, drains S. 75° W.; asc. 30 ft. along S. slope.

80.00 Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T42S R6E

S 3 | S 2  
S10 | S11  
1958

Portion of the Subdivision, Tp. 42 S., R. 6 E.

Chains	
18.00	Land, rough and broken. Soil, clay and exposed sandstone. Timber, scattered pinon and juniper.
40.00	W. 0° 02' W., bet. secs. 2 and 3. Over rough and broken land on Brand Bench; asc. 90 ft. over SW. slope. Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd. <div style="text-align: center;">T428 R6E <math>\frac{1}{4}</math> S 3<math>\frac{1}{2}</math> S 2 1958</div>
62.50	Asc. 60 ft. over broken SW. slope. Top of ascent, bears NE. and SW.; desc. 40 ft. over NW. slope.
76.00	Small wash, drains SW.; asc. 20 ft. over steep SE. slope.
79.84	The cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the township. Land, rough and broken. Soil, sandy clay and exposed sandstone. Timber, scattered pinon and juniper.
37.30	From the cor. of secs. 16, 17, 20 and 21. East, bet. secs. 16 and 21. Over rolling and broken land; asc. 110 ft. over W. slope. Top of ascent on W. rim of canyon, near head, bears NE. and SW.; desc. 30 ft. over steep SE. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd. <div style="text-align: center;">T428 R6E <math>\frac{1}{4}</math> <math>\frac{S16}{S21}</math> 1958</div>
51.50	Thence by triangulation desc. about 600 ft. over precipitous SE. slope of canyon wall. Wash in bottom of canyon, drains SW.; asc. about 520 ft. over steep W. slope of canyon wall.
59.00	E. rim of canyon, bears N. 5° E. and S. 5° W.; asc. about 200 ft. over broken W. slope.
80.00	Point for the cor. of secs. 15, 16, 21 and 22. End of triangulation.

Chains

solid)

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground to bedrock, and in a collar of stone, with brass cap mkd.

T42S R6E

S16|S15

S21|S22

1958

Land, rough and broken.

Soil, sandy clay and exposed sandstone.

Timber, scattered pinon and juniper.

N.  $0^{\circ} 03'$  W., bet. secs. 15 and 16.

Over rough and broken land; desc. 130 ft. over ledgy N. slope.

16.40 Wash, 3 ft. deep, 30 lks. wide, drains S.  $80^{\circ}$  W.; asc. 160 ft. over ledgy S. slope.

32.90 Top of ascent, bears N.  $60^{\circ}$  E. and S.  $60^{\circ}$  W.; desc. 40 ft. over NW. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground to bedrock, and in a collar of stone, with brass cap mkd.

T42S R6E

S16|S15

1958

Desc. 40 ft. over rolling NW. slope.

48.40 Small wash, drains W.; asc. 70 ft. over S. slope.

71.50 Top of ascent on E. side of knob, bears E. and W.; desc. 50 ft. over N. slope.

80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S R6E

S 9|S10

S16|S15

1958

Land, rolling and broken.

Soil, sandy clay and exposed sandstone.

Timber, thinly scattered pinon and juniper.

N.  $89^{\circ} 59'$  W., bet. secs. 9 and 16.

Over rolling and broken land; desc. 10 ft. along N. slope.

2.80 E. rim of canyon, bears NE. and S.  $70^{\circ}$  W.; by triangulation desc. about 400 ft. along N. slope of canyon wall.

39.99 True point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 16 falls on face of canyon wall where it is impossible to monument the cor.

Portion of the Subdivision, Tp. 42 S., R. 6 E.

Chains	
	from which
	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 9 and 16
	bears S. $33^{\circ} 36'$ E. dist.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground
	to bedrock, and in a mound of stone, 3 ft. base to top, with brass
	cap mkd.
	T42S R6E
	W C
	$\frac{1}{4}$ S 9
	816
	1958
	Continue along N. slope of canyon wall; desc. about 400 ft.
77.00	Wash in bottom of canyon, drains SW.; asc. 10 ft.
79.98	The cor. of secs. 8, 9, 16 and 17.
	Land, rough and broken.
	Soil, sandy clay and exposed sandstone.
	Timber, none.
	From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township,
	monumented by an iron post, 2 ins. diam., firmly set, mkd. and wit-
	nessed as described in the field notes of the 1934 survey of Tp. 43
	S., R. 6 E.
	N. $0^{\circ} 04'$ W., bet. secs. 31 and 32.
	Over nearly level land.
20.10	W. rim of Last Chance Canyon, bears N. $80^{\circ}$ W. and E.; by triangulation
	desc. about 800 ft. over precipitous N. slope of canyon wall.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground
	to bedrock, and in a mound of stone, 3 ft. base to top, with brass
	cap mkd.
	T42S R6E
	$\frac{1}{4}$ S 32
	S31 S32
	1958
	Desc. about 100 ft. over N. slope.
64.00	Small wash, drains N. $75^{\circ}$ E. from W.; asc. about 400 ft. over steep
	S. slope.
70.62	Point selected for the witness cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) on
	solid sandstone, and in a mound of stone, 4 ft. base to top, with
	brass cap mkd.
	T42S R6E
	W C
	S30 S29
	S31 S32
	1958
	Continue over steep S. slope; asc. about 320 ft.



Chains

79.50

Spur on W. rim of Last Chance Canyon, projects N. 85° E.; desc. about 100 ft. over precipitous N. slope.

80.00

True point for the cor. of secs. 29, 30, 31 and 32 falls in inaccessible position on face of cliff.

Land, rough and broken breaks and walls of Last Chance Canyon. Soil, sandy clay and exposed sandstone. Timber, none.

From the true point for the cor. of secs. 28, 29, 32 and 33, from which its witness cor. bears N. 89° 58' E., 2.68 chs. dist.

S. 89° 58' W., bet. secs. 29 and 32.

Over rough and broken land in bottom of Last Chance Canyon; desc. 110 ft. over steep W. slope.

17.60

Wash in bottom of Last Chance Canyon, 2 ft. deep, 1.50 chs. wide, drains irregularly S. 10° E.; asc. 140 ft. over E. slope.

40.04

Low ridge, bears NE. and SW.

Point for the 1/2 sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground to bedrock, and in a collar of stone, with brass cap mkd.

T42S R6E

1/2 S29

S32

1958

Desc. 120 ft. over NW. slope.

48.00

Small wash, drains NE.; asc. about 600 ft. over precipitous SE. slope.

79.00

Crest of spur, projects N. 60° E.; desc. about 100 ft. along steep N. slope.

80.08

True point for the cor. of secs. 29, 30, 31 and 32.

Land, rough and broken breaks and walls of Last Chance Canyon. Soil, sandy clay and exposed sandstone. Timber, none.

GENERAL DESCRIPTION

Tp. 42 S., R. 6 E. is situated on the southern most reaches of Grand Bench. With the exception of the east boundary, which drains into Rock Creek Canyon, the entire township is drained by Last Chance Canyon which drains S. 20° E. into Glen Canyon of the Colorado River, a few miles south of the township.

Grand Bench is a barren land with only thinly scattered patches of juniper and pinon. The surface is rolling and broken, covered with a mantle of loose sandstone and shale.

During the progress of the survey, an oil exploration firm was rebuilding an old jeep trail to permit the transport of well-drilling equipment to an indefinite site on Grand Bench.

No springs of water were found within the township. Small seeps were found in the bottom of Last Chance Canyon. Much of the water from these seeps is unpalatable.

## FIELD ASSISTANTS

16-53565-2

# CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, in  
pursuance of special instructions bearing date of the 27th day of August, 1958,  
I have surveyed the east boundary and a portion of the subdivision of Township 42  
South, Range 6 East

of the Salt Lake Meridian, in the State of Utah, which are  
represented in the foregoing field notes as having been executed by me and under my direction; and that  
said survey has been made in strict conformity with said instructions, the Manual of Instructions for the  
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing  
field notes.

May 6, 1959

Salt Lake City, Utah

*Craig P. Sylvester*  
Craig P. Sylvester, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
*Cadastral Engineering Staff Officer.*

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_  
\_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
*Cadastral Engineering Staff Officer.*

## FIELD ASSISTANTS

16-53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Dell Cazier, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 27th day of August 1959 I have surveyed the north boundary of Township 42 South, Range 6 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 6, 1959

Salt Lake City, Utah

Dell Cazier

Dell Cazier, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_  
\_\_\_\_\_ executed by \_\_\_\_\_  
\_\_\_\_\_ having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

# CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959, I have ~~surveyed~~ supervised the survey of the east and north boundaries and a portion of the subdivision of Township 42 South, Range 6 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 6, 1959

Salt Lake City, Utah

*Vern E. Lane*

Vern E. Lane, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 9 1959, 19

The foregoing field notes of the survey of the east and north boundaries and a portion of the subdivision of Township 42 South, Range 6 East, Salt Lake Meridian, Utah

executed by Craig P. Sylvester and Dell Cazier, under the supervision of Vern E. Lane, having been critically examined and found correct, are hereby approved.

*Donald Clement*  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.~~

~~Cadastral Engineering Staff Officer~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY

OF

THE NORTH, EAST AND SOUTH BOUNDARIES,

A PORTION OF THE SUBDIVISION

AND

WITH MEANDERS OF THE COLORADO RIVER IN SECTION 36

DETERMINED BY PHOTOGRAMMETRIC PROCESSES,

TOWNSHIP 42 SOUTH, RANGE 7 EAST

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Craig P. Sylvester - Cadastral Surveyor

Dell Cazier - Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided  
for the surveys included under Group No. 408, approved November 8, 1956  
and assignment instructions dated May 7, 1958

Survey commenced August 22, 1958

Survey completed September 29, 1958

# INDEX DIAGRAM

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16-66770-1

Craig P. Sylvester \_\_\_\_\_

Dell Cazier \_\_\_\_\_

2510



## Township 42 South, Range 7 East

Chains

The west boundary of the township was surveyed concurrently with this township and is described in the field notes of the survey of Tp. 42 S., R. 6 E.

The following field notes are those of the survey of the S., E. and N. boundaries and a portion of the subdivision of Tp. 42 S., R. 7 E., deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections that are normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits, serial Nos. 541326 and 461263, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude  $37^{\circ} 06' 23.8''$  N. and longitude  $111^{\circ} 05' 26.8''$  W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ}$  E.

North Boundary of Tp. 42 S., R. 7 E.

True point for the cor. of Tps. 41 and 42 S., Rs. 7 and 8 E. is established at an easting of 479.45 chs. from the cor. of Tps. 41 and 42 S., Rs. 6 and 7 E. This point falls on an inaccessible ledgy SE. slope

Point selected for the witness cor. bears S., 8.25 chs. dist.

**North Boundary of Tp. 42 S., R. 7 E.**

Chains	Notes
	<p>Set an iron post, 2 1/2 ins. diam., drilled 8 1/2 ins. in sandstone, and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p align="center">T41S R7E R8E W C 33 1/2 <u>836</u> S 1 S 6 T42S 1958</p> <p>From the true point for the cor. of Tps. 41 and 42 S., Rs. 7 and 8 E. West, bet. secs. 1 and 36, counting dist. from the true point for the cor. of Tps. 41 and 42 S., Rs. 7 and 8 E.</p> <p>Over rough broken land; asc. 800 ft. over ledges facing SE.</p> <p>33.40 E. rim of bench, bears S. 10° E. and N. 60° E.; desc. 20 ft. over W. slope.</p> <p>37.80 Wash, 10 lks. wide, 3-ft. deep, drains S. 30° E.; asc. 45 ft.</p> <p>40.00 Point for the 1/2 sec. cor. of secs. 1 and 36.</p> <p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p align="center">T41S R7E <u>S 36</u> S 1 T42S 1958</p> <p>Deposit sandstone mkd. with a cross (X) at base of iron post.</p> <p>Asc. 490 ft. over rocky E. slope.</p> <p>80.00 Point for the cor. of secs. 1, 2, 35 and 36.</p> <p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in ground to solid rock, and in a mound of stone, 4 1/2 ft. base to top, with brass cap mkd.</p> <p align="center">T41S R7E <u>S 35</u> <u>S 36</u> S 2 S 1 T42S 1958</p> <p>Cor. is located at base of Spencer Point which projects from the N.</p> <p>Land, broken.</p> <p>Soil, sand and exposed sandstone and shale.</p> <p>Timber, scattered juniper.</p> <p>Undergrowth, blackbrush and silverleaf.</p>
2.00	<p>West, bet. secs. 2 and 35.</p> <p>Over rough, broken land; asc. 10 ft.</p> <p>Top of ascent on spur sloping SE.; desc. 70 ft. over rocky SW. slope.</p>
40.00	Point for the 1/2 sec. cor. of secs. 2 and 35.

## North Boundary of Tp. 42 S., R. 7 E.

Chains	
80.00	<p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: right;">T41S R7E  <math>\frac{1}{2}</math> <math>\frac{S35}{S2}</math>  T42S  1958</p> <p>Desc. 540 ft. over broken SW. slope.</p>
80.00	<p>Point for the cor. of secs. 2, 3, 34 and 35.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: right;">T41S R7E  <math>\frac{S34}{S3}</math> <math>\frac{S35}{S2}</math>  T42S  1958</p> <p>Land, broken.  Soil, rocky, clay and sandy clay silt.  Timber, scattered juniper.  Undergrowth, blackbrush and silverleaf.</p>
3.50	<p>West, bet. secs. 3 and 34.</p> <p>Over rough and broken land; desc. 30 ft. over W. slope.</p>
40.00	<p>W. rim of bench, bears irregularly N. and S.; by triangulation desc. about 1520 ft. over broken ledges on W. slope.</p>
41.75	<p>Point for the <math>\frac{1}{2}</math> sec. cor. of secs. 3 and 34 falls on steep broken N. slope and is unsafe for cor.</p> <p>Point selected for the witness <math>\frac{1}{2}</math> sec. cor. of secs. 3 and 34, on spur sloping NW.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 22 ins. in the ground, with collar of stone to top, with brass cap mkd.</p> <p style="text-align: right;">T41S R7E  <math>\frac{1}{2}</math> <math>\frac{S34}{S3}</math> <math>\frac{W}{C}</math>  T42S  1958</p> <p>End of triangulation; desc. 70 ft. over W. slope.</p>
45.00	<p>Wash, 30 lks. wide, 4 ft. deep, drains S. <math>30^{\circ}</math> W.; asc. 150 ft. over steep E. slope.</p>
49.00	<p>Spur, sloping S.; desc. 260 ft. over SW. slope.</p>
61.20	<p>Wash, 20 lks. wide, 2 ft. deep, drains S. <math>60^{\circ}</math> W.; asc. 50 ft.</p>
64.50	<p>Spur, sloping S. <math>50^{\circ}</math> W.; desc. 100 ft. over NW. slope.</p>
76.00	<p>Wash, 20 lks. wide, 2 ft. deep, drains S. <math>30^{\circ}</math> W.; asc. 25 ft.</p>
80.00	<p>Point for the cor. of secs. 3, 4, 33 and 34.</p>

## North Boundary of Tp. 42 S., R. 7 E.

Chains

enial")

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R7E

S33|S34

S 4|S 3

T42S

1958

Land, rolling in W., broken in E.  
Soil, rocky, clay and sandy clay silt.  
Timber, none; undergrowth, rabbit brush and blackbrush.

West, bet. secs. 4 and 33.

Over rough and broken land; desc. 160 ft. over canyon bottom, numerous spurs and washes putting to the SW.

22.50 Wash in bottom of Middle Rock Creek Canyon, 30 lks. wide, 5 ft. deep, drains S. 10° E.; asc. 200 ft. over E. slope,

40.00 Point for the ¼ sec. cor. of secs. 4 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T41S R7E

S33

S 4

T42S

1958

Asc. abruptly about 1100 ft. by triangulation over steep E. slope and ledges.

62.70 E. rim of bench, bears N. and S.; end of triangulation; thence over rolling bench top.

80.00 Point for the cor. of secs. 4, 5, 32 and 33.

Set an iron post, 36 ins. long, 1 in. diam., 18 ins. in the ground to rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S R7E

S32|S33

S 5|S 4

T42S

1958

Land, rough and broken.  
Soil, sand and exposed sandstone and shale.  
Timber, scattered juniper on bench.  
Undergrowth, greasewood, blackbrush and rabbit brush.

West, bet. secs. 5 and 32.

Over rough and broken land; desc. 10 ft. over W. slope.

2.00 W. rim of bench, bears N. and S. 20° W.; desc. about 1190 ft. by triangulation over broken ledges facing NW.

## North Boundary of Tp. 42 S., R. 7 E.

Chains	
32.00	End of triangulation at base of descent; thence over rolling land.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 32. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T41S R7E $\frac{1}{4}$ <u>S32</u> S 5 T42S 1958
	Desc. 130 ft. over SW. slope.
80.00	Point for the cor. of secs. 5, 6, 31 and 32. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to rock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T41S R7E <u>S31</u> <u>S32</u> S 6   S 5 T42S 1958
	Land, broken in E., rolling in W. Soil, sand and exposed sandstone. Timber, none; undergrowth, greasewood and mountain rush.
	West, bet. secs. 6 and 31.
	Over rolling land; desc. 240 ft. over numerous small washes and spurs putting to the SW.
37.30	Wash in Rock Creek Canyon, 30 lks. wide, 6 ft. deep, drains S.; asc. 80 ft. over E. slope.
39.05	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 6 and 31. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T41S R7E $\frac{1}{4}$ W <u>S31</u> C S 6 T42S 1958
	Asc. 30 ft. over sandstone slope facing E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 31 falls on steep E. slope of sandstone and cannot be monumented. Asc. 40 ft. over E. slope.
43.90	Top of ascent on spur sloping SE.; desc. 30 ft. over W. slope.
54.30	Wash, 20 lks. wide, 3 ft. deep, drains S.; asc. 90 ft. over SE. slope.
70.70	Top of ascent on spur, sloping S. $20^{\circ}$ W.; desc. 30 ft. over W. slope.
72.50	Wash, 10 lks. wide, ledge walls 10 ft. high, drains S. $10^{\circ}$ E.; asc. 90 ft. over E. slope.

## North Boundary of Tp. 42 S., R. 7 E.

Chains

79.45

The cor. of Tps. 41 and 42 S., Rs. 6 and 7 E., an iron post, 2½ ins. diam., described in the field notes of Tp. 42 S., R. 6 E.

Land, rolling.

Soil, sand and exposed sandstone.

Timber, none.

## East Boundary of Tp. 42 S., R. 7 E.

From the true point for the cor. of Tps. 41 and 42 S., Rs. 7 and 8 E.

South, bet. secs. 1 and 6.

Over broken land, along broken E. slope, by triangulation with topography scaled from U.S.G.S. topographic map.

8.25

The witness cor. of Tps. 41 and 42 S., Rs. 7 and 8 E., monumented by an iron post, 1 in. diam., heretofore described.

25.00

Rim of ravine, bears NW. and SE.; desc. about 100 ft. over SW. slope.

28.50

Wash, 30 lks. wide, 6 ft. deep, drains SE.; asc. about 100 ft. over steep NE. slope.

32.70

Rim of ravine, bears NW. and SE.; thence along broken E. slope.

40.00

Point for the ¼ sec. cor. of secs. 1 and 6.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S

R7E R8E

¼

S 1 | S 6

1958

Desc. about 100 ft. over SE. slope.

53.00

Dry Rock Creek, 20 lks. wide, 2 ft. deep, drains S. 10° W.; asc. about 160 ft. over broken W. slope.

79.30

Spur, projects W., 2 chs. to end.

80.00

Point for the cor. of secs. 1, 6, 7 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S

R7E R8E

S 1 | S 6

S 12 | S 7

1958

Land, broken.

Soil, sandy and exposed sandstone.

Timber, none.

## East Boundary of Tp. 42 S., R. 7 E.

Chains	
	South, bet. secs. 7 and 12.
	Over broken land, by triangulation with topography scaled from U.S.G.S. topographic map; desc. about 160 ft. over SW. slope.
14.00	Dry Rock Creek, 20 lks. wide, 2 ft. deep, drains S. from NW.; thence along canyon bottom.
22.00	Dry Rock Creek, 20 lks. wide, 2 ft. deep, drains SW. from N.; asc. about 160 ft. over NW. slope.
31.60	Knoll, 5 chs. diam., asc. about 80 ft. over N. slope.
39.58	Spur, slopes W.; desc. about 40 ft. over S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<div style="text-align: center;">           T42S            R7E R8E  <math>\frac{1}{4}</math>            S12   S 7            1958         </div>
	Asc. about 880 ft. over broken NW. slope.
77.80	Rim of mesa, bears NE. and SW.; thence across mesa.
80.00	Point for the cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<div style="text-align: center;">           T42S            R7E R8E            S 7   S12            S18   S13            1958         </div>
	Land, broken. Soil, sandy, exposed sandstone. Timber, none.
	South, bet. secs. 13 and 18.
	Over broken land, by triangulation with topography scaled from U.S.G.S. topographic map.
2.00	Top of slope, bears NE. and SW.; desc. about 260 ft. over S. slope.
15.00	Wash, drains W.; asc. about 250 ft. over N. slope.
24.21	Spur, projects S. $70^{\circ}$ W.; desc. about 80 ft.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 18.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

Chains

enial/D

T42S

R7E R8E

S13|S18

1958

Desc. about 260 ft. over S. slope.

70.50 Head of draw, drains SW.; asc. about 170 ft. over NW slope.

79.04 Spur, projects SW., 8 chs. to end, 2 chs. wide; desc. about 40 ft. over SE. slope.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

Set an iron post, 15 ins. long, 1 in. diam., drilled 8 ins. in sandstone, with brass cap mkd.

T42S

R7E R8E

S13|S18

S24|S19

1958

Land, broken.

Soil, sandy, exposed sandstone.

Timber, none.

South, bet. secs. 19 and 24.

Over rolling land; desc. 270 ft. over S. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 $\frac{1}{2}$  ft. base to top, with brass cap mkd.

T42S

R7E R8E

S24|S19

1958

Desc. about 95 ft. over SE. slope.

52.80 Wash, drains S. 30° W.; asc. 140 ft. over NW. slope.

57.40 Spur, projects S. 70° W.; desc. 85 ft. over SE. slope.

80.00 Point for the cor. of secs. 19, 24, 25 and 30.

Set an iron post, 15 ins. long, 1 in. diam., drilled 6 ins. in sandstone, and in a collar of stone, with brass cap mkd.

T42S

R7E R8E

S24|S19

S25|S30

1958

Land, rolling.

Soil, sandy, exposed sandstone.

Timber, none.



## East Boundary of Tp. 42 S., R. 7 E.

Chains

South, bet. secs. 25 and 30.

Over rolling, broken land; desc. 190 ft. over SE. slope.

31.50 Rim of canyon, bears NW. and NE.; desc. about 450 ft. over broken, ledgy S. slope.

40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30 falls on inaccessible ledges facing S. and cannot be perpetuated.

Continue descent of 100 ft. over S. slope.

45.62 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 25 and 30.Set an iron post, 30 ins. long,  $2\frac{1}{4}$  ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone,  $4\frac{1}{4}$  ft. base to top, with brass cap mkd.

T42S  
R7E R8E  
W C  
 $\frac{1}{4}$   
S25 $\frac{1}{4}$ S30  
1958

Desc. 230 ft. over S. slope.

62.70 Wash, drains SE.; asc. 40 ft. over E. slope.

80.00 True point for the cor. of secs. 25, 30, 31 and 36 falls on steep E. slope and cannot be perpetuated.

Land, rolling, broken.  
Soil, sandy, exposed sandstone.  
Timber, none.

South, bet. secs. 31 and 36.

Over broken land, by triangulation with topography scaled from U.S.G.S. topographic map.

2.47 Point selected for the witness cor. of secs. 25, 30, 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{4}$  ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone,  $4\frac{1}{4}$  ft. base to top, with brass cap mkd.

T42S  
R7E R8E  
W C  
S25 $\frac{1}{4}$ S30  
S36 $\frac{1}{4}$ S31  
1958

Desc. about 150 ft. along SE. slope.

40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36 falls in inaccessible wash, drains SE. from NE., and cannot be perpetuated.

49.00 Leave wash, drains SW.; asc. along NW. slope.

52.42 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.

Set an iron post, 15 ins. long, 1 in. diam., drilled 8 ins. in sandstone, and in a collar of stone, with brass cap mkd.

## East Boundary of Tp. 42 S., R. 7 E.

Chains

51121)

T42S  
R7E R8E  
W C  
\*  
S36|S31  
1958

- Asc. 65 ft. over broken sandstone NW. slope.
- 66.70 Spur, projects SW.; desc. about 210 ft. over S. slope.
- 79.20 Point selected for the witness meander cor. of secs. 31 and 36 on the right bank of the Colorado River.
- Set an iron post, 15 ins. long, 1 in. diam., drilled 8 ins. in sandstone, with brass cap mkd.

T42S  
R7E R8E  
S36|S31  
WMC  
1958

- Desc. ledge facing S.
- 79.60 Mean high water mark on the right bank of the Colorado River.
- 80.00 Theoretical point for the cor. of Tps. 42 S., R. 7, and 8 E., falls in the Colorado River, course W. Point not monumented.
- Land, broken.  
Soil, sandy, exposed sandstone.  
Timber, none.

## South Boundary of Tp. 42 S., R. 7 E.

- From the true point for the cor. of Tps. 42 S., R. 7, and 8 E.  
N. 89° 55' W., on the S. bdy. of sec. 36.
- Over surface of the Colorado River, course W.
- 12.00 Point for the meander cor. of sec. 36, at mean high water on the right bank of the Colorado River is inaccessible and cannot be monumented.
- Thence over broken land by triangulation and traverse with topography as scaled from U.S.G.S. topographic maps; asc. about 80 ft. along S. slope.
- 18.00 Spur, slopes SW.; desc. about 80 ft. over SW. slope.
- 25.00 Deep wash in sandstone, drains S.; asc. about 150 ft. over broken SE. slope.
- 39.00 Spur, slopes S.; desc. about 20 ft.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of sec. 36.
- Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone, with brass cap mkd.

## South Boundary of Tp. 42 S., R. 7 E.

Chains

T42S R7E

 $\frac{1}{4}$  S36R42 $\frac{1}{2}$ S

1958

Desc. along rolling S. slope.

57.25 Rim, bears N. 80° W. and S. 80° E.; desc. about 100 ft. over ledgy SW. slope.

65.57 Right bank of the Colorado River, bears NW. and SE.

Point for the meander cor. of sec. 36.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S R7E

MC  $\frac{1}{4}$  S36T42 $\frac{1}{2}$ S

1958

80.00 True point for the cor. of secs. 35 and 36, falls in the Colorado River, course W.

Land, broken.

Soil, sandy, exposed sandstone.

Timber, none; undergrowth, scattered blackbrush.

N. 89° 55' W., along S. bdy. of sec. 35, counting dist. from the true point for the cor. of secs. 35 and 36.

Over the Colorado River, by triangulation with topography as scaled from U.S.G.S topographic map.

40.00 True point for the  $\frac{1}{4}$  sec. cor. of sec. 35 falls in the Colorado River and cannot be monumented.

72.00 The approximate right bank of the Colorado River.

80.00 True point for the cor. of secs. 34 and 35 falls on ledge facing E. and cannot be perpetuated.

Land, broken.

Soil, sandy, exposed sandstone.

Timber, none; undergrowth, scattered blackbrush.

N. 89° 55' W., along S. bdy. of sec. 34.

Over broken, rolling land, by triangulation with topography as scaled from U.S.G.S. topographic map.

Asc. about 350 ft. over SE. slope.

8.80 Point selected for witness cor. of secs. 34 and 35.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

Chains

sided

T42S R7E  
S34|S35 W  
 T42½S C  
 1958

The witness cor. is located on a spur sloping S. 20° E. to

Asc. about 160 ft. over broken S. slope.

34.10 Rim of mesa, bears NE. and SW.; thence over rolling land.

40.00 Point for the ¼ sec. cor. of sec. 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.

T42S R7E  
 ¼ S34  
 T42½S  
 1958

Thence over rolling mesa; desc. about 80 ft. over W. slope.

72.50 Point selected for the witness cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R7E  
 W S33|S34  
 C T42½S  
 1958

72.70 Rim of mesa, bears N. 20° W. and S. 70° W.; desc. about 480 ft. over ledgy NW. slope.

80.00 True point for the cor. of secs. 33 and 34, falls on inaccessible ledge facing NW. and cannot be perpetuated.

Land, rolling, broken;  
 Soil, sandy, exposed sandstone.  
 Timber, none; undergrowth, scattered blackbrush.

N. 89° 55' W., along the S. bdy. of sec. 33.  
 Over broken land, by triangulation with topography as scaled from U.S.G.S. topographic map; desc. about 560 ft. over N. slope.

30.00 Base of steep slope, bears NE. and S.; desc. over NW. slope.

40.00 Point for the ¼ sec. cor. of sec. 33.

Set an iron post, 20 ins. long, 1 in. diam., drilled 5 ins. in sandstone, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.

T42S R7E  
 ¼ S33  
 T42½S  
 1958

## South Boundary of Tp. 42 S., R. 7 E.

Chains	Desc. about 160 ft. over NW. slope.
57.80	Wash, drains S. 40° W.; asc. about 160 ft. over SE. slope.
69.60	Spur, slopes S.; desc. about 40 ft.
80.00	True point for cor. of secs. 32 and 33 falls on ledge facing S. and cannot be perpetuated. Land, rolling, broken. Soil, sandy, exposed sandstone. Timber, none; undergrowth, scattered blackbrush.
	N. 89° 55' W., along S. bdy. of sec. 32.  Over broken land, by triangulation with topography as scaled from U.S.G.S. topographic map.
0.10	Point selected for the witness cor. of secs. 32 and 33. Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone, and in a collar of stone, with brass cap mkd.  T42S R7E S32 S33 W T42½S C 1958
	Desc. about 120 ft. along top of rim of the Colorado River, facing S.
20.50	Rock Creek, 30 lks. wide, 3 ft. deep, drains S.; asc. about 100 ft.
35.00	Spur, slopes S.; desc. about 40 ft. over SW. slope.
40.00	Point for the ¼ sec. cor. of sec. 32. Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone, and in a collar of stone, with brass cap mkd.  T42S R7E ¼ S32 T42½S 1958
	Desc. about 40 ft. over SW. slope.
42.00	Small wash, drains S.; asc. about 350 ft. over broken E. slope.
79.60	Point selected for the witness cor. of secs. 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, 1½ ft. high, with brass cap mkd.  T42S R7E W S31 S32 C T42½S 1958
	Witness cor. is located at base of ledge facing E. Asc. about 80 ft. over vertical ledge.
80.00	True point for the cor. of secs. 31 and 32 falls on inaccessible ledge and cannot be perpetuated.

South Boundary of Tp. 42 S., R. 7 E.

Chains

Land, broken.  
Soil, sandy, exposed sandstone.  
Timber, none; undergrowth, scattered blackbrush.

N. 89° 55' W., along the S. bdy. of sec. 31.

Over broken land, by triangulation with topography as scaled from U.S.G.S. topographic map; asc. about 400 ft. along W. wall of Rock Creek Canyon.

- 23.00 Head of draw, drains NE.; asc. about 240 ft. over NE. slope.
- 30.60 Rim of mesa facing NE., bears NW. and SE.; asc. about 160 ft. over rolling mesa.
- 38.00 Top of ascent, bears NW. and SE.; desc. about 15 ft. over SW. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of sec. 31.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R7E  
 $\frac{1}{4}$  S31  
T42 $\frac{1}{2}$ S  
1958

Desc. about 80 ft. over SW. slope.

- 52.00 Rim of mesa facing SW., bears NW. and SE.; desc. about 880 ft. over broken SW. slope.

- 80.04 The cor. of Tps. 42 and 43 S., R. 6 E. and Tps. 42 and 42 $\frac{1}{2}$  S., R. 7 E., monumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

Land, broken.  
Soil, sandy, exposed sandstone.  
Timber, none.  
Undergrowth, scattered blackbrush.

Portion of the Subdivision, Tp. 42 S., R. 7 E.

From the true point for the cor. of secs. 35 and 36 on the S. bdy. of the township.

N. 0° 01' W., bet. secs. 35 and 36.

Thence over the Colorado River, course N. 70° W.

- 1.42 Right bank of the Colorado River.

Point for the meander cor. of secs. 35 and 36.

Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone, with brass cap mkd.

T42S R7E  
S35|S36  
MC  
1958

## Portion of the Subdivision, Tp. 42 S., R. 7 E.

## Chains

Thence over broken land, by triangulation with topography as scaled from U.S.G.S. topographic map.

Asc. about 280 ft. over broken S. slope.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R7E

S35|S36

1958

Asc. about 320 ft. over S. slope.

62.60

Asc. about 400 ft. along E. side of spur sloping S. on broken SE. slope.

80.00

True point for the cor. of secs. 25, 26, 35 and 36 falls on ledge facing SE. and cannot be perpetuated.

Point selected for the witness cor. of secs. 25, 26, 35 and 36 bears S.  $89^{\circ} 58'$  E., 4.81 chs. dist.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T42S R7E

W S26|S25

C S35|S36

1958

Land, broken.

Soil, sandy, exposed sandstone.

Timber, none; undergrowth, scattered blackbrush.

From the true point for the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township.

N.  $89^{\circ} 58'$  W., bet. secs. 25 and 36.

Over broken land, by triangulation with topography as scaled from U.S.G.S. topographic map.

Asc. about 240 ft. over E. slope.

13.00

Top of knoll; desc. about 440 ft. over W. slope.

27.00

Wash in bottom of canyon, drains S.; asc. about 480 ft. over SE. slope.

40.06

Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 36 falls on ledge facing E. and cannot be perpetuated.

40.26

Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone,  $4\frac{1}{2}$  ft. base to top, with brass cap mkd.

T42S R7E

S25 W

S36 C

1958

## Portion of the Subdivision, Tp. 42 S., R. 7 E.

## Chains

The witness cor. is located on end of spur sloping from the NW.  
Desc. about 120 ft. over SW. slope.

62.50 Draw, drains S.; asc. about 500 ft. over SE. slope.

75.31 The witness cor. of secs. 25, 26, 35 and 36, heretofore described.

80.12 The true point for the cor. of secs. 25, 26, 35 and 36.

Land, broken.

Soil, sandy, exposed sandstone.

Timber, none; undergrowth, scattered blackbrush.

From the true point for the cor. of secs. 32 and 33 on the S. bdy.  
of the township.

N. 0° 03' W., bet. secs. 32 and 33.

Over broken land; asc. 55 ft. over broken SW. slope.

20.70 Spur, slopes W.; thence along broken W. slope.

31.80 Low spur, slopes W.; desc. 20 ft. over N. slope.

39.10 Small wash, drains W.; asc. S. slope.

39.90 Base of steep S. slope, bears E. and W.

40.00 Point for the  $\frac{1}{2}$  sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground  
to bedrock, and in a mound of stone, 4 ft. base to top, with brass  
cap mkd.

T42S R7E

$\frac{1}{2}$   
S32 | S33  
1958

Asc. about 320 ft. over S. slope.

50.00 Spur, slopes NW.; desc. about 400 ft. over broken NW. slope.

58.00 Base of steep slope, bears E. and W.; thence over slight NW. slope.

80.00 Point for the cor. of secs. 28, 29, 32 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground  
to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass  
cap mkd.

T42S R7E

S29 | S28  
S32 | S33  
1958

Land, broken.

Soil, sandy, exposed sandstone.

Timber, none; undergrowth, scattered blackbrush.

N. 0° 03' W., bet. secs. 28 and 29.

Over broken land, by triangulation with topography as scaled from  
U.S.G.S. topographic map; desc. about 180 ft. over NW. slope.



Portion of the Subdivision, Tp. 42 S., R. 7 E.

Chains	
22.00	Middle Rock Creek, a dry wash, course SW.; asc. about 100 ft. over broken S. slope.
32.00	Asc. 700 ft. over ledgy S. slope and cliff.
40.80	True point for the $\frac{1}{4}$ sec. cor. of secs. 28 and 29 falls on an inaccessible ledge and cannot be perpetuated.  Asc. about 80 ft. over ledgy S. slope.
43.90	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 28 and 29.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, $4\frac{1}{2}$ ft. base to top, with brass cap mkd.  <div>T42S R7E <math>\frac{1}{4}</math> S29 S28 W C 1958</div> Cor. is located on second ledge below top of point.  Asc. about 100 ft. over S. slope.
45.20	Point of mesa, projects E.; thence along broken rim of mesa facing E.
48.70	Desc. about 440 ft. along NE. slope.
67.00	Head of draw, drains steeply to the E.; asc. about 360 ft. along SE. slope.
80.00	True point for the cor. of secs. 20, 21, 28 and 29 falls on inaccessible ledges facing SE. and cannot be perpetuated.  Land, broken. Soil, sandy, exposed sandstone. Timber, none; undergrowth, scattered blackbrush.
<hr/>	
	N. 0° 03' W., bet. secs. 20 and 21.  Over broken land, by triangulation, with topography as scaled from U.S.G.S. topographic map; asc. about 80 ft. over ledgy SE. slope.
4.30	Point selected for the witness cor. of secs. 20, 21, 28 and 29.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.  <div>T42S R7E S20 S21 S29 S28 W C 1958</div>
8.00	Rim of mesa, bears NE. and SW.; thence over rolling land.
12.70	Top of ascent; desc. about 80 ft. over rolling NW. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 20 and 21.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base, 25 ins. high, with brass cap mkd.

## Portion of the Subdivision, Tp. 42 S., R. 7 E.

Chains

T42S R7E

 $\frac{1}{4}$   
S20|S21

1958

- 40.50 Rim, bears SW. and NE. for 2 chs., thence NW.; desc. about 100 ft. over vertical ledge facing NW.
- 42.50 Base of ledge; asc. about 100 ft. over ledge facing SW.
- 44.50 Rim, bears NW. and SE.; asc. over rolling SW. slope.
- 65.30 Top of low rim, faces SW., bears W. and SE.; asc. over rolling SW. slope.
- 80.00 Point for the cor. of secs. 16, 17, 20 and 21.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 21 ins. in the ground, and in a collar of stone, with brass cap mkd.

T42S R7E

S17|S16

S20|S21

1958

Land, broken, rolling.  
Soil, sandy, exposed sandstone.  
Timber, none; undergrowth, scattered blackbrush.

N.  $0^{\circ} 03'$  W., bet. secs. 16 and 17.

Over rolling land; asc. 35 ft. over SW. slope.

- 15.80 Top of ascent, bears E. and SW.; desc. 50 ft. over N. slope into basin facing W.
- 29.50 Wash, 50 lks. wide, 4 ft. deep, drains SW.; asc. 50 ft. over SW. slope.
- 38.50 Slope changes to S. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 17.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S R7E

 $\frac{1}{4}$   
S17|S16

1958

Asc. 45 ft. over rolling S. slope.

- 51.50 Top of ascent, bears NE. and SW.; desc. 20 ft. over NW. slope.
- 59.40 Wash, 30 lks. wide, 3 ft. deep, drains SW.; asc. 40 ft. over SE. slope.
- 76.20 Base of ledge, bears E. and W.; asc. 80 ft. over ledgy S. slope.
- 79.40 Rocky spur, slopes E.; desc. 10 ft. over N. slope.
- 80.00 Point for the cor. of secs. 8, 9, 16 and 17.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground, to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

Portion of the Subdivision, Tp. 42 S., R. 7 E.

Chains

T42S R7E

S 8 | S 9

S17 | S16

1958

Land, broken, rolling.  
Soil, sandy, exposed sandstone.  
Timber, none; undergrowth, scattered blackbrush.

N. 0° 03' W., bet. secs. 8 and 9.

Over broken land.

0.20 Small wash, drains W.; asc. 75 ft. over broken S. slope.

6.20 Rim of bench, bears E. and W.; thence over broken bench.

15.30 Rim of mesa, bears SW. and NE.; thence along W. slope.

32.50 Rim of mesa, bears W. and SE.; asc. along broken SW. slope.

36.00 Spur, slopes W.; desc. about 80 ft. over NW. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 8 and 9.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R7E

$\frac{1}{4}$

S 8 | S 9

1958

43.40 Small wash, drains SW.; asc. 40 ft. along W. slope.

51.56 Base of steep ascent, bears W. and SE.; asc. about 80 ft. over ledgy S. slope.

55.00 Top of ascent on small spur sloping W.; desc. about 40 ft. over N. slope.

69.50 Rim of mesa, bears NW. and SE.

69.70 Point selected for the witness cor. of secs. 4, 5, 8 and 9.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R7E

W C

S 5 | S 4

S 8 | S 9

1958

Desc. about 480 ft. over ledgy NE. slope.

80.00 True point for the cor. of secs. 4, 5, 8 and 9 falls on inaccessible ledge facing NE. and cannot be perpetuated.

Land, broken, rolling.  
Soil, sandy, exposed sandstone.  
Timber, none; undergrowth, scattered blackbrush.

Chains

anianO

N. 0° 03' W., bet. secs. 4 and 5.

Over broken land, by triangulation, with topography as scaled from U.S.G.S. topographic map; desc. about 160 ft. along broken E. slope.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 4 and 5. marked, mnd.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T428 R7E

$\frac{1}{4}$

S 5 | S 4

1958

Cor. is located 2 chs. E. of a sandstone spire, 30 ft. high.

Asc. about 1200 ft. over broken SE. slope.

77.00

Rim of mesa, bears E. and W. on curve to S.

79.56

The cor. of secs. 4, 5, 32 and 33 on the N. bdy. of Tp. 42 S., R. 7 E., monumented by an iron post, 1 in. diam., set, mkd. and witnessed as heretofre described.

Land, broken.

Soil, sandy, exposed sandstone.

Timber, scattered juniper on bench.

Undergrowth, scattered blackbrush, rabbit brush.

From the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the township.

S. 0° 01' E., bet. secs. 2 and 3.

Over rolling, rocky land; desc. about 80 ft. over SW. slope.

11.30

Wash, 20 lks. wide, 1 ft. deep, drains W.

12.80

Wash, 30 lks. wide, 2 ft. deep, drains NW.; asc. about 80 ft. over N. slope.

35.00

Top of ascent; desc. over gentle S. slope.

39.78

Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over across (X) mkd. on sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T42S R7E

$\frac{1}{4}$

S 3 | S 2

1958

Desc. about 400 ft. over broken S. slope.

79.78

Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

Portion of the Subdivision, Tp. 42 S., R. 7 E.

Chains

T42S R7E

S 3 | S 2

S10 | S11

1958

Land, broken, rocky.

Soil, sandy, exposed sandstone.

Timber, scattered juniper and pinon.

Undergrowth, blackbrush, silverleaf and sagebrush.

S. 89° 55' E., bet. secs. 2 and 11.

Over broken rocky land, through scattered juniper and pinon.

0.60 Wash, 40 lks. wide, 2 ft. deep, drains S.; asc. about 240 ft. over broken W. slope.

35.67 Spur, slopes S.; desc. about 100 ft. over E. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone, 4 $\frac{1}{2}$  ft. base to top, with brass cap mkd.

T42S R7E

$\frac{1}{4}$  S 2

S11

1958

Desc. about 40 ft. over E. slope.

43.30 Wash, 30 lks. wide, 2 ft. deep, drains S.; asc. about 180 ft. over W. slope.

62.75 Spur, projects S.; desc. about 85 ft. over SE. slope.

79.90 Point selected for witness cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 3 $\frac{1}{2}$  ft. base to top, with brass cap mkd.

T42S R7E

S 2 | S 1 W

S11 | S12 C

1958

80.00 True point for the cor. of secs. 1, 2, 11 and 12 falls on an inaccessible ledge facing S. and cannot be perpetuated.

Land, broken.

Soil, sandy, exposed sandstone.

Timber, scattered juniper and pinon.

Undergrowth, scattered blackbrush, silverleaf and sagebrush.

From the true point for the cor. of secs. 1, 2, 11 and 12.

North, bet. secs. 1 and 2.

Over broken, rocky land; asc. 200 ft. over rocky S. slope.

20.82 Wash, 20 lks. wide, 2 ft. deep, drains S. 10° E.; continue ascent of 205 ft. over rocky S. slope.

Chains

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T428 R7E

S 2 | S 1

1958

Asc. 380 ft. over rocky S. slope.

70.00

Knoll, bears E. and W.; desc. along E. slope.

79.99

The cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the township.

Land, broken.

Soil, sandy, exposed sandstone.

Timber, scattered juniper and pinon.

Undergrowth, scattered blackbrush and silverleaf.

From the cor. of secs. 16, 17, 20 and 21.

S.  $89^{\circ} 55'$  E., bet. secs. 16 and 21.

Over rolling broken land; asc. about 30 ft. over SW. slope.

13.10

Top of ascent; desc. 30 ft. over E. slope.

15.10

Rim of Middle Rock Creek Canyon, bears NE. and SE.; desc. about 1050 ft. over broken, ledgy E. slope.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T428 R7E

$\frac{1}{4}$   $\frac{S16}{S21}$

1958

46.00

Middle Rock Creek, 50 lks. wide, 5 ft. deep, course S.; asc. about 240 ft. over ledgy NW. slope.

53.00

Point of spur, slopes W.; thence along N. slope.

59.00

Slope changes to NW.; asc. about 880 ft. over ledgy NW. slope.

80.00

True point for the cor. of secs. 15, 16, 21 and 22, falls on an inaccessible ledge facing NW. and cannot be perpetuated.

From this point, the point selected for the witness cor. of secs. 15, 16, 21 and 22 bears S.  $89^{\circ} 55'$  E., 1.71 chs. dist.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) mkd. on sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T428 R7E

W  $\frac{S16}{S21}$  |  $\frac{S15}{S22}$

1958

Portion of the Subdivision, T<sub>4</sub>S., R. 7 E.

Chains

Land, broken.  
Soil, sandy, exposed sandstone.

Timber, none; undergrowth, scattered blackbrush.

N. 0° 02' W., bet. secs. 15 and 16, counting dist. from the true point for the cor. of secs. 15, 16, 21 and 22.

Over broken land, by triangulation with topography as scaled from U.S.G.S. topographic map, along W. slope.

Slope changes to SW.; asc. about 320 ft. over SW. slope.

Spur, slopes W.; desc. about 240 ft. over W. slope.

Spur, slopes W.; desc. about 320 ft. over NW. slope.

True point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16 falls on inaccessible ledge facing N. and cannot be perpetuated.

Desc. about 80 ft. over ledgy N. slope.

Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T42S R7E

$\frac{1}{4}$   
S16 | S15

W C  
1958

Desc. about 80 ft. over broken NW. slope.

Small wash, drains SW.; asc. SW. slope over series of small washes and spurs putting SW.

Base of steep slope, bears NE. and SW.; asc. about 90 ft. over SE slope.

Point for the cor. of secs. 9, 10, 15 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S R7E

S 9 | S10  
S16 | S15

1958

Land, broken.

Soil, sandy, exposed sandstone.

Timber, none; undergrowth, scattered blackbrush.

N. 89° 51' W., bet. secs. 9 and 16.

Over broken land, by triangulation with topography as scaled from U.S.G.S. topographic map; asc. about 35 ft. over SE. slope.

Spur, slopes S.; desc. 300 ft. over SW. slope.

Middle Rock Creek, 50 lks. wide, 5 ft. deep, course S.; asc. about 40 ft. over SE. slope.

Portion of the subdivision of Twp 42 S., R. 7 E.

Chains		auled)
39.35	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T42S R7E W 1/4 S 9 C 1/4 S16 1958	
40.05	True point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16 falls on ledge facing E. and cannot be perpetuated.	inaccessible
	Asc. about 180 ft. over broken ledgy E. slope.	
50.00	Base of steep ascent, bears N. and S.; asc. 780 ft. abruptly.	
65.00	Rim of canyon, bears N. and S.; thence over broken S. slope on top of mesa.	
80.10	The cor. of secs. 8, 9, 16 and 17. Land, broken. Soil, sandy, exposed sandstone. Timber, none; undergrowth, scattered blackbrush.	
	From the true point for the cor. of secs. 31 and 32 on the S. bdy. of the township. N. $0^{\circ} 03'$ W., bet. secs. 31 and 32. Over broken land; desc. 150 ft. over NE. slope.	
17.80	Small wash, drains N. $80^{\circ}$ E.; asc. over rolling land.	
22.00	Small spur, projects SE.; asc. about 40 ft. along W. slope.	
33.10	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 31 and 32. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T42S R7E W C $\frac{1}{4}$ S31 S32 1958	
	Cor. is located at base of steep S. slope. Asc. about 480 ft. over ledgy S. slope.	
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32 falls on an inaccessible ledge and cannot be perpetuated.	
42.00	Spur, slopes sharply to the SE.; desc. about 400 ft. over ledgy NE. slope.	
60.00	Base of steep descent, bears NW. and SE.; thence along E. slope.	
73.90	Small wash, drains SE.; asc. about 40 ft. over S. slope.	



Portion of the Subdivision, Tp. 42 S., R. 7 E.

Chains

740873 Point selected for the witness cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., on sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T42S R7E

W C

S30 S29

S31 S32

1958

The witness cor. is located at the base of a steep S. slope.

Asc. about 280 ft. over ledgy S. slope.

80.00 True point for the cor. of secs. 29, 30, 31 and 32 falls on inaccessible ledge facing S. and cannot be perpetuated.

Land, broken.

Soil, sandy, exposed sandstone.

Timber, none; undergrowth, scattered blackbrush.

From the cor. of secs. 28, 29, 32 and 33.

N. 89° 54' W., bet. secs. 29 and 32.

Over broken land, by triangulation with topography as scaled from U.S.G.S. topographic map, along N. slope.

13.00 Spur, slopes NW.; desc. about 200 ft. over W. slope.

22.00 Rock Creek, 50 lks. wide, 3 ft. deep, course S.; asc. about 160 ft. over SE. slope.

40.01 Point for the ¼ sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. long, 1½ ins. in the ground, and in a collar of stone, with brass cap mkd.

T42S R7E

¼ S29

S32

1958

Asc. about 100 ft. over E. slope.

50.00 Base of steep slope, bears N. and SE.; asc. 300 ft. abruptly.

60.00 Spur, projects SE.; thence along broken S. slope.

80.03 The true point for the cor. of secs. 29, 30, 31 and 32.

From this point, the witness cor. of secs. 29, 30, 31 and 32 bears S. 0° 03' E., 5.13 chs. dist.

Land, broken.

Soil, sandy, exposed sandstone.

Timber, none; undergrowth, scattered blackbrush.

## Meanders of the Colorado River in Sec. 36

Chains

entled)

From the true point for the meander cor. of sec. 36 on the E. bdy. of sec. 36, from which it's witness cor. bears north, 40 lks. dist., an iron post, 1 in. diam., heretofore described.

Thence downstream with the meanders of the right bank of the Colorado River, determined by photogrammetric processes.

Over sandy bottom land, along an ill-defined mean high water line, through willows.

N. 74° 02' W., 5.89 chs.

S. 72° 30' W., 6.65 chs. The point for the meander cor. of sec. 36 on the S. bdy. of the township; not monumented.

From the meander cor. of sec. 36 on the S. bdy. of sec. 36, an iron post, 2½ ins. diam., heretofore described. From this cor., the ¼ sec. cor. of sec. 36 bears east, 25.57 chs. dist.

Thence downstream with the meanders of the right bank of the Colorado River, determined by photogrammetric processes.

Over sandy bottom land, through willows.

N. 84° 18' W., 14.50 chs. The meander cor. of secs. 35 and 36.

Land, river bottom.

Soil, sand.

Timber, none; undergrowth, willows.

## GENERAL DESCRIPTION

The land within Tp. 42 S., R. 7 E. is spectacular in its contrast of nearly flat topped mesas and deep vertical walled canyons. The three branches of Rock Canyon drain the township southerly into the Colorado River, which meanders westerly along the S. bdy. of the township.

Elevations range from 3200 ft. above sea level in the southeast cor. of the township to 6200 ft. in the northeast cor. The canyon walls vary in height but average about 1200 ft. The cliffs are from 100 to 300 ft. in height and the ledged or steep talus portions are around 900 ft. high. Access to survey line was provided by helicopters.

Timber is comprised of scrub juniper and pinon on the mesas and willows and scattered cottonwood along the river. The township is used for occasional winter stock grazing.

No source of water other than alkaline seepage in the canyon washes and the Colorado River were located at the time of survey.

## FIELD ASSISTANTS

16--53565-2

# CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1956

I have surveyed the south and east boundaries, a portion of the subdivision and the meanders of the Colorado River in Sec. 36, Township 42 South, Range 7 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 8, 1959

Salt Lake City, Utah

*Craig P. Sylvester*

Craig P. Sylvester, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

~~The foregoing field notes of the survey of \_\_\_\_\_~~

~~executed by \_\_\_\_\_~~

~~having been critically examined and found correct, are hereby approved.~~

~~\_\_\_\_\_  
Cadastral Engineering Staff Officer.~~

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

~~\_\_\_\_\_  
Cadastral Engineering Staff Officer.~~

## FIELD ASSISTANTS

16-53565-2

# CERTIFICATE OF CADASTRAL ENGINEER

I, Dell Cazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1959, I have surveyed the north boundary of Township 42 South, Range 7 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 8, 1959

Salt Lake City, Utah

Dell Cazier

Dell Cazier, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

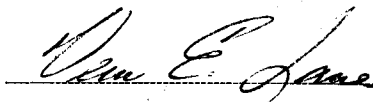
# CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1956, I have ~~surveyed~~ supervised the survey of the north, south and east boundaries and a portion of the subdivision with the meanders of the Colorado River in Sec. 36 determined by photogrammetric processes of Township 42 South, Range 7 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 8, 1959

Salt Lake City, Utah



Vern E. Lane, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of the north, south and east boundaries, a portion of the subdivision with the meanders of the Colorado River in Sec. 36, determined by photogrammetric processes, Township 42 South, Range 7 East, Salt Lake Meridian, Utah

executed by Craig P. Sylvester and Dell Cazier, under the supervision of Vern E. Lane having been critically examined and found correct, are hereby approved.



Donald O. Clement  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in \_\_\_\_\_, is a true copy of the original field notes.~~

~~Cadastral Engineering Staff Officer.~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY OF

THE NORTH, EAST AND SOUTH BOUNDARIES,

AND

A PORTION OF THE SUBDIVISION  
WITH MEANDERS OF THE COLORADO RIVER IN SECTIONS 32 AND 36

DETERMINED BY PHOTOGRAMMETRIC PROCESSES

OF

TOWNSHIP 42 SOUTH, RANGE 8 EAST

Of the SALT LAKE Meridian,

In the State of UTAH

## EXECUTED BY

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Craig P. Sylvester, Cadastral Surveyor

Fred R. Chappell, Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided

for the surveys included under Group No. 408, approved November 8, 1956

and assignment instructions dated May 7, 1958

Survey commenced August 29, 1958

Survey completed October 10, 1958



# INDEX DIAGRAM

Township 42 South, Range 8 East

1 6	2 5	3 4 22	4 3 24	4 2 22 23	5 1 6
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18	17 25	16 21 24	15	14	13 7
19	20	21 20	22	23	24 8
30	29 28	28 19	27	26	25 9 17
31 27 15	32 15	33 18 13	34 13	35 16 12	36 10 11

\_\_\_\_ Fred R. Chappell  
 \_\_\_\_\_ Craig P. Sylvester

Meanders of the Colorado River  
 on pages 29 and 30.

16-56770-1

## Township 42 South, Range 8 East

Chains

The west boundary was surveyed concurrently and under Group 408 by Craig P. Sylvester. The field notes thereof are included in the field notes of T. 42 S., R. 7 E.

The following field notes are those of the survey of the north boundary, east boundary, south boundary and a portion of the subdivision of T. 42 S., R. 8 E., deemed sufficient in extent to facilitate the development of natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transit No. 461263, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude  $37^{\circ} 06' 23.8''$  N. and longitude  $110^{\circ} 58' 56.3''$  W., as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ} 15'$  East.

## North Boundary of T. 42 S., R. 8 E.

From the true point for the cor. of Tps. 41 and 42 S., Rs. 7 and 8 E., which is witnessed S. 8.25 chs. dist. by an iron post, 1 in. diam., as described in the field notes of T. 42 S., R. 7 E. East, bet. secs. 6 and 31.

Over broken desert land, through scant undergrowth; desc. 160 ft. over an E. slope of sandstone slickrock.

Chains 8.00	Draw, drains S.; asc. 230 ft. over W. slope.
12.00	Spur, projects S.; desc. about 160 ft. over R. slope.
18.00	Draw, drains SW.; asc. about 400 ft. over W. slope.
28.00	Spur, projects S. 70° W.; asc. 100 ft. along S. slope.
39.45	Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 31, providing for convergence.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T41S R8E.
	$\frac{1}{4}$ <u>S31</u>
	S 6
	T42S
	1958
	Asc. 35 ft. along a SW. slope.
43.80	Spur, projects S.; desc. 50 ft. along S. slope.
54.80	Draw, drains S. 80° W.; asc. 235 ft. along N. slope.
64.70	Same draw, drains N. 80° W.; asc. 410 ft. over SW. slope.
76.70	Spur, projects N. 70° W.; desc. 70 ft. along N. slope.
79.45	Point for the cor. of secs. 5, 6, 31 and 32 falls on steep clay bank where the cor. cannot be perpetuated.
	Land, broken desert.
	Soil, rocky sandy clay.
	Timber, none.
	Undergrowth, scant sagebrush, black brush, mountain rush and grass.
	East, bet. secs. 5 and 32.
	Over broken desert bench land, through medium timber and medium undergrowth; asc. 50 ft. over W. clay slope.
.55	Point selected for the witness cor. of secs. 5, 6, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T41S R8E
	<u>S31</u>   <u>S32</u>
	<u>S6</u>   <u>S5</u>
	W C
	1958
	Asc. 215 ft. along N. slope.
20.30	Spur, projects NW.; desc. 20 ft. over NE. slope.
23.40	Draw, drains NW.; asc. 150 ft. over W. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

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## North Boundary of T. 42 S. R. 8 E.

Chains 40.00	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T41S R8E
42.70	Asc. 240 ft. over a W. slope. T42S 1958
72.70	Top of rise; desc. 60 ft. over a NE. slope.
76.70	Draw, drains N. 30° W.; asc. 110 ft. over W. slope.
80.00	Point for the cor. of secs. 4, 5, 32 and 33 Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T41S R8E S32 S33 S5 S4 T42S 1958 Land, broken desert bench. Soil, rocky sandy clay. Timber, medium juniper and piñon Undergrowth, medium sagebrush, black brush, greasewood, yellow brush and grass.
33.80	East, bet. secs. 4 and 33. Over broken desert land, through medium timber and scant undergrowth; by triangulation asc. 1060 ft. over a broken W. slope.
40.00	Rim of Fifty Mile Mountain, bears SE. and NW.; asc. 15 ft. over W. slope. Point for the ½ sec. cor. of secs. 4 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T41S R8E S33 S4 T42S 1958 Asc. 145 ft. over W. slope.
75.40	Spur, projects N.; desc. 85 ft. over E. slope.
80.00	Point for the cor. of secs. 3, 4, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd. T41S R8E S33 S34 S4 S3 T42S 1958

Chains		
	Badly broken desert and mountainous Soil, sandy clay loam with broken and eroded sandstone. Timber, dense juniper and pinon. Undergrowth, scant sagebrush, horse brush, bitter brush and grass.	
	East, bet. secs. 3 and 34.	
	Over mountain land, through dense timber and scant undergrowth; desc. 15 ft. over E. slope.	
7.00	Draw, drains N.; asc. 180 ft. over broken W. slope.	
18.20	Spur, projects N.; desc. 75 ft. over NE. slope.	
31.20	Draw, drains N.; asc. 35 ft. over W. slope.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T41S° R8E S34 S 3 T42S 1958	
	Asc. 10 ft. over gentle W. slope.	
48.90	Top of rise, thence over nearly level mountain top.	
56.90	Stock trail, bears N. 10° E. and S. 10° W.	
58.80	E. rim of Fifty Mile Mountain, bears N. and S.; desc. 1080 ft. over badly broken E. slope.	
80.00	Point for the cor. of secs. 2, 3, 34 and 35. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.	
	T41S R8E S34 S35 S3 S2 T42S 1958	
	Land, badly broken desert mountain. Soil, rocky sandy clay. Timber, medium juniper and pinon. Undergrowth, medium sagebrush, scattered service berry, grass and weeds.	
	East, bet. secs. 2 and 35.	
	Over broken desert benchland, through medium dense timber and scant undergrowth; desc. 312 ft. over E. slope.	

## North Boundary of T. 42 S., R. 8 E.

Chains	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T41S R8E S35 S 2 T42S 1958
	Desc. 70 ft. over SE. slope.
44.30	Draw, drains N. $80^{\circ}$ E.; asc. 20 ft. over NW. slope.
47.80	Spur, projects N. 2.00 chs. to draw; desc. 110 ft. over E. slope.
51.90	Draw, drains N. 50 lks. to previous draw, thence N. $80^{\circ}$ E.; asc. 50 ft. over W. slope.
58.40	Spur, projects N.; desc. 270 ft. over E. slope.
77.80	Draw, drains N. 2.00 chs., thence E.; asc. 50 ft. over NW. slope.
80.00	Point for the cor. of secs. 1, 2, 35 and 36. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T41S R8E S35 S36 S2 S1 T42S 1958
	Land, broken desert bench. Soil, rocky sandy clay. Timber, medium juniper and pinon. Undergrowth, scattered black brush, sagebrush, silver leaf and grass.
	East, bet. secs. 1 and 36. Over badly broken desert land, through medium timber and scant undergrowth; asc. 40 ft. along broken N. slope.
2.10	Spur, projects N.; desc. 460 ft. over badly broken E. slope.
24.30	Desc. 300 ft. over N. slope of clay spires and knobs.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 36 falls on steep clay slope facing N. where the cor. cannot be perpetuated; desc. 140 ft. along N. slope.
49.06	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 1 and 36. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T41S R8E S36 S 1 W C T42S 1958

**North Boundary of T. 42 S., R. 8 E.**

Chains		00.00
	Desc. 400 ft. over broken E. slope.	00.00
68.00	Sandstone butte, 75 ft. high; desc. 40 ft. over gentle E. slope.	
80.00	Point for the cor. of Tps. 41 and 42 S., Rs. 8 and 8½ E.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.	
	T41N R8E R8½E S36 S35 S1 S2 T42S 1958	
	Land, broken desert.	
	Soil, rocky, sandy clay.	
	Timber, medium to scattered juniper and spiny.	
	Undergrowth, scant sagebrush, black brush, silver leaf and grass.	
	<b>East Boundary of T. 42 S., R. 8 E.</b>	
	Beginning at the cor. of Tps. 41 and 42 S., Rs. 8 and 8½ E., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as heretofore described.	
	South, along the E. bdy. of sec. 1.	
	Over broken land; desc. 10 ft. along E. slope.	
5.50	Small wash, drains E.; asc. 45 ft. over N. slope.	
9.60	Spur, slopes E.; desc. 145 ft. over S. slope.	
13.10	Small wash, drains E.; asc. 65 ft. over NE. slope.	
24.10	Small spur, slopes SE.; desc. 160 ft. along E. slope.	
31.30	Small wash, drains NE.; asc. 15 ft. over E. slope.	
40.00	Point for the ¼ sec. cor. of secs. 1 and 2.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T42S R8E R8½E S1 S2 1958	
	Asc. 40 ft. over steep N. slope.	
42.10	Spur, slopes E.; desc. 115 ft. over E. slope.	
51.20	Wash, 30 lks. wide, 5 ft. deep, drains E.; asc. N. slope.	
54.50	Small spur, slopes E.; desc. 125 ft. over SE. slope.	
62.00	Wash, 60 lks. wide, 5 ft. deep, drains irregularly E.; asc. 190 ft. over broken N. slope.	

## East Boundary of T. 42 S., R. 8 E.

Chains	
72.50	Spur, slopes E.; desc. 150 ft. over steep S. slope.
80.00	Point for the cor. of secs. 1, 2, 11 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	<div style="text-align: center;">           T42S            R8E R8½E            S1 S2            S12 S11            1958         </div>
	Land, broken. Soil, sandy, exposed sandstone. Timber, none. Undergrowth, scattered black brush.
	South, along the E. bdy. of sec. 12.
	Over broken land; desc. 20 ft. over S. slope.
2.40	Small wash, drains E.; thence desc. 40 ft. along broken E. slope, through drift sand and exposed sandstone.
27.20	Spur, slopes E.; desc. 80 ft. over steep S. slope.
32.70	Wash, 40 lks. wide, 6 ft. deep, drains E.; asc. 30 ft. over N. slope.
35.70	Top of ascent; thence along E. slope.
40.00	Point for the ¼ sec. cor. of secs. 11 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	<div style="text-align: center;">           T42S            R8E R8½E            ¼            S12 S11            1958         </div>
	Asc. 35 ft. along broken E. slope.
47.10	Spur, slopes E.; desc. 110 ft. along E. slope.
79.90	Wash, 50 lks. wide, 3 ft. deep, drains E.; asc. along E. slope.
80.00	Point for the cor. of secs. 11, 12, 13 and 14 falls on S. side of large boulder and cannot be monumented.
	Mkd. a cross (X) on boulder at cor. point.
	Land, broken and rocky. Soil, sandy, exposed sandstone. Timber, none. Undergrowth, scattered blackbrush.
	South, along E. bdy. of sec. 13.
	Over broken land; asc. along E. slope.



East Boundary of T<sub>42</sub>S, R. 8 E.

Chains	
.30	Point selected for the witness cor. of secs. 11, 12, 13 and 14.  Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd. above which the post is set with the letter T42S R8E R8½E = W C S12 S11 S13 S14 1958
5.20	Spur, slopes E.; desc. 50 ft. along E. slope.
24.10	Wash, 40 lks. wide, 3 ft. deep, drains E.; asc. 175 ft. over steep N. slope.
30.90	Spur, projects SE. from W.; desc. 160 ft. over steep S. slope.
38.50	Base of slope, bears W. and SE.; thence desc. along broken E. slope.
40.00	Point for the ¼ sec. cor. of secs. 13. and 14.  Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd. above which the post is set with the letter T42S R8E R8½E S13 S14 1958  Desc. about 100 ft. over steep S. slope.
42.50	Ravine, 2 chs. wide, 80 ft. deep; asc. about 160 ft. over N. slope.
57.00	Spur, projects NE.; thence along E. slope of spur.
64.90	Desc. 55 ft. along E. slope of spur.
80.00	Point for the cor. of secs. 13, 14, 23 and 24.  Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. above which the post is set with the letter T42S R8E R8½E S13 S14 S24 S23 1958  Land, broken. Soil, sandy, exposed sandstone. Timber, none. Undergrowth, scattered black brush.
	South, along the E. bdy. of sec. 24.  Over broken land; desc. 5 ft. along SE. slope.
1.50	Rim of ravine, bears W. and NE.; desc. 160 ft. over steep SE. slope.
8.40	Wash in ravine, drains NE.; asc. 80 ft. over N. slope.

## East Boundary of T. 42 S. R. 8 E.

Chains	
16.50	Rim of ravine, bears irregularly E. and W.; asc. 190 ft. over broken N. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 23 and 24. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T42S R8E R8<math>\frac{1}{2}</math>E S24 S23 1958</p>
	Asc. about 1040 ft. over steep broken N. slope.
65.80	Top of narrow ridge, bears NW. and E.; desc. about 650 ft. over ledgy S. slope.
80.00	Point for the cor. of secs. 23, 24, 25 and 26. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 9 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T42S R8E R8<math>\frac{1}{2}</math>E S24 S23 S25 S26 1958</p>
	Land, broken. Soil, sandy with exposed sandstone. Timber, none. Undergrowth, scattered blackbrush.
	South, along the E. bdy. of sec. 25.
	Over broken land; desc. about 160 ft. over steep S. slope.
7.10	Base of steep S. slope; thence desc. about 400 ft. over rolling S. slope.
37.54	Point selected for the witness meander cor. of secs. 25 and 26, and the witness $\frac{1}{4}$ sec. cor. of secs. 25 and 26. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut, on sandstone, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T42S R8E R8<math>\frac{1}{2}</math>E S25 S26</p> <p style="text-align: center;">C M W</p>
37.60	Rim of Glen Canyon, bears E. and SW.; desc. about 600 ft. over ledgy SE. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 26 is inaccessible.
48.00	Point for the meander cor. of secs. 25 and 26, on the inaccessible right bank of the Colorado River.

Chains	
	Thence across the Colorado River, course S. 30° W. 10 miles. 02.00
66.90	Water's edge of the Colorado River, thence over a sand bar. 00.00
76.60	Leave sand bar, thence over water.
80.00	Theoretical point for the cor. of secs. 25, 26, 31 and 36, falls in the Colorado River, course SE.
	Land, broken. Soil, sandy, exposed sandstone. Timber, none. Undergrowth, scattered blackbrush.
	From the theoretical point for the cor. of secs. 25, 26, 35 and 36, South, along the E. bdy. of sec. 36. By triangulation over surface of Colorado River, course S. 20° E.
13.00	Point for the meander cor. of secs. 35 and 36, at the mean high water mark on the inaccessible right bank of the Colorado River. Asc. about 600 ft. abruptly over canyon wall facing NE.
18.20	Rim of Glen Canyon.
18.36	Point selected for the witness meander cor. of secs. 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
28.09	Thence along canyon rim facing E, Point selected for the witness meander cor. of secs. 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 3 ft. base, 2 ft. high, with brass cap mkd.
28.40	Rim of Glen Canyon, bears NE. and SW.; desc. about 400 ft. over nearly vertical SE. slope to Colorado River.
31.00	Point for the meander cor. of secs. 35 and 36, at mean high water on the inaccessible right bank of the Colorado River.
40.00	Theoretical point for the ¼ sec. cor. of secs. 35 and 36, falls in the Colorado River, course SW., and is not monumented.

## East Boundary of T. 42 S., R. 8 E.

Chains

Thence across the Colorado River, course SW.

48.72

Point for the meander cor. of secs. 35 and 36, at the mean high water mark on the left bank of the Colorado River. River bank bears NE. and SW.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

MC

S36 S35

R8E R8½E

T42S

1958

Asc. about 750 ft. over ledgy N. slope.

67.00

Rim of Glen Canyon, bears irregularly E. and W., thence over broken spur projecting W.

72.40

Desc. about 80 ft. over steep SW. slope.

78.90

Small wash, drains SW.; asc. about 120 ft. over N. slope.

80.00

Point for the cor. of Tps. 42 S., Rs. 8 and  $8\frac{1}{2}$  E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S

R8E R8½E

S36 S35

T42½S

1958

Land, broken.

Soil, sandy with exposed sandstone.

Timber, none.

Undergrowth, scattered blackbrush.

## South Boundary of T. 42 S., R. 8 E.

From the cor. of Tps. 42 S., Rs. 8 and  $8\frac{1}{2}$  E.

N.  $89^{\circ} 59'$  W., along the S. bdy. of sec. 36.

Over broken land; desc. 25 ft. along irregular N. slope.

12.30

Base of steep slope, bears E. and NW.; asc. 155 ft. over broken NE. slope.

25.50

Rim of canyon, bears E. and NW.; thence over broken spur, projects NW.

29.70

Small sandstone knoll, 2 chs. long, 1 ch. wide; desc. 40 ft. over W. slope.

40.00

Point for the  $\frac{1}{2}$  sec. cor. of sec. 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

**South Boundary of T. 42 S., R. 8 E.**

Chains		
		<b>T42S R8E</b> <b>½ S36</b> <b>T42S</b> <b>1958</b>
		<p>Desc. about 480 ft. over broken SW. slope.</p>
72.00		Ravine, drains NW.; asc. about 160 ft. over NE. slope.
80.00		Point for the cor. of secs. 35 and 36.
		Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. into sandstone, with brass cap mkd.
		<b>T42S R8E</b> <b>S35 S36</b> <b>T42S</b> <b>1958</b>
		<p>Land, broken.          Soil, sandy with exposed sandstone.          Timber, none.          Undergrowth, scattered blackbrush.</p>
		N. 89° 59' W., along the S. bdy. of sec. 35.
		Over broken land; asc. about 160 ft. over broken E. slope.
15.30		Top of ascent; thence over knoll, bears NW. and SE.; desc. about 165 ft.
33.70		Spur, slopes S.; desc. 20 ft. over steep S. slope.
37.00		Base of descent; thence over small bench.
40.00		Point for the ¼ sec. cor. of secs. 35.
		Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 3½ ft. base, 26 ins. high, with brass cap mkd.
		<b>T42S R8E</b> <b>½ S35</b> <b>T42S</b> <b>1958</b>
		Desc. about 160 ft. over broken W. slope.
47.50		Rim of canyon, bears NW. and SE.; desc. about 300 ft. over broken irregular SW. slope.
70.00		Wash in bottom of canyon, drains NW.; asc. about 300 ft. over ledgy NE. slope.
79.70		Rim of canyon, bears NW. and SE.; asc. about 80 ft. over broken NE. slope.
80.00		Point for the cor. of secs. 34 and 35.
		Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. into sandstone, with brass cap mkd.

## South Boundary of T. 42 S., R. 8 E.

## Chains

T42S R8E

S34|S35

T42½S

1958

Land, broken.

Soil, sandy with exposed sandstone.

Timber, none.

Undergrowth, scattered blackbrush.

N. 89° 59' W., along the S. bdy. of sec. 34.

Over broken land; asc. about 200 ft. over NE. slope.

18.00 Sandstone knob on top of spur, projects N. 2 chs.; desc. about 150 ft. along broken N. slope.

25.70 Base of steep N. slope; desc. about 100 ft. over broken N. slope.

35.30 Spur, projects N.; desc. about 80 ft. over N. slope.

37.07 Point selected for the witness ¼ sec. cor. of sec. 34.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 3 ft. base, 26 ins. high, with brass cap mkd.

T42S R8E

W ¼ S34

C T42½S

1958

38.20 Wash, 20 lks. wide, 5 ft. deep, drains N.; asc. about 50 ft. over steep N. slope.

40.00 True point for the ¼ sec. cor. of sec. 34 falls on inaccessible ledge facing N. and cannot be perpetuated.

42.70 Knoll, 5 lks. diam., on top of spur, slopes N.; desc. about 40 ft. along broken N. slope.

51.30 White sandstone spur, slopes N.; desc. about 60 ft. along N. slope.

64.90 Spur, slopes N.; desc. about 200 ft. along steep N. slope.

80.00 Point for the cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R8E

S33|S34

T42½S

1958

Land, broken.

Soil, sandy, exposed sandstone.

Timber, none.

Undergrowth, scattered blackbrush.

N. 89° 59' W., along the S. bdy. of sec. 33.

South Boundary of T. 42 S., R. 8 E.

Chains	Over broken land, along breaks of Glen Canyon; desc. about 15 ft. along N. slope.
6.90	Knobby spur, projects N.; desc. about 155 ft. along NW. slope.
16.70	The left bank of the Colorado River. Point for the meander cor. of sec. 33. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. <div style="text-align: center;">T42S R8E M/S33 C/T42½S 1958</div>
	Thence across the Colorado River, course S. 10° W.
31.90	The right bank of the Colorado River; asc. about 100 ft. over vertical ledges facing E.
32.50	Rim of canyon, bears N. and S.; thence over broken S. slope.
32.75	Point selected for the witness meander cor. of sec. 33. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 3½ ft. base, 28 ins. high, with brass cap mkd. <div style="text-align: center;">T42S R8E S33/WMC T42½S 1958</div>
40.00	Point for the ¼ sec. cor. of sec. 33. Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. into sandstone, with brass cap mkd. <div style="text-align: center;">T42S R8E ¼ S33 T42½S 1958</div>
	Along broken S. slope.
50.60	Spur, projects S.; desc. about 150 ft. over W. slope.
62.00	Wash in canyon, drains S.; asc. about 120 ft. over E. slope.
71.00	Slope changes to S.; asc. about 80 ft.
80.00	Spur, slopes S. Point for the cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 4 ft. base, 26 ins. high, with brass cap mkd. <div style="text-align: center;">T42S R8E S32/S33 T42½S 1958</div>
	Land, broken. Soil, sandy, solid sandstone. Timber, none. Undergrowth, scattered blackbrush.

## South Boundary of T. 42 S., R. 8 E.

Chains	N. 89° 59' W., along the S. bdy. of sec. 32.
	Over broken land; desc. about 120 ft. over SW. slope.
9.41	Point selected for the witness meander cor. of sec. 32.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 6 ins. in sandstone, in a collar of stone, with brass cap mkd.
	<div style="text-align: center;">           T42S R8E            S32            W M C / T42S            1958         </div>
10.26	Mean high water mark on right bank of Colorado River falls on vertical cliff and cannot be monumented.
	Thence across Colorado River, course NW.
40.00	True point for the $\frac{1}{4}$ sec. cor. of sec. 32 falls in the Colorado River, course W., and is not monumented.
43.61	Point for the meander cor. of sec. 32 on left bank, at mean high water.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;">           T42S R8E            S32 M            T42S / C            1958         </div>
53.13	Point for the meander cor. of sec. 32 on left bank.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 23 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;">           T42S R8E            M / S34            C / T42S            1958         </div>
73.27	Thence across Colorado River, course SW.
	Point for the meander cor. on right bank of Colorado River, at mean high water mark, falls on vertical cliff and cannot be monumented.
80.00	True point for the cor. of secs. 31 and 32 falls on inaccessible ledges and cannot be perpetuated.
	Land, broken.
	Soil, sandy, exposed sandstone.
	Timber, none.
	Undergrowth, scattered blackbrush.
	N. 89° 59' W., along the S. bdy. of sec. 31.
	Over broken land; along breaks on S. slope of Glen Canyon.
5.14	Point selected for the witness cor. of secs. 31 and 32.
	Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. into sandstone, with brass cap mkd.



South Boundary of T. 42 S., R. 8 E.

Chains	
	<p>T42S R8E S31 S32 W T42S C 1958</p> <p>Asc. about 60 ft. along S. slope.</p>
12.20	Spur, slopes S.; desc. about 100 ft. over W. slope.
20.00	Wash in bottom of small canyon, drains S.; asc. 100 ft. over ledgy E. slope.
27.00	Rim of canyon; asc. about 80 ft. over broken S. slope.
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of sec. 31.</p> <p>Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone, with brass cap mkd.</p> <p>T42S R8E S31 T42S 1958</p>
	Thence desc. gradually along broken S. slope.
50.60	Gorge, 70 lks. wide, 60 ft. deep, drains S. 5 chs. to Colorado River.
55.40	Spur, slopes S.; desc. about 150 ft. along broken S. slope.
72.00	<p>Approx. right bank of Colorado River, bears N. 87° W. and S. 87° E.</p> <p>Thence across Colorado River, course N. 87° W. on curve to SW.</p>
79.40	<p>Theoretical point for the cor. of Tps. 42 S., R. 8 E., falls in the Colorado River and cannot be monumented.</p> <p>Land, broken. Soil, sandy, exposed sandstone. Timber, none. Undergrowth, scattered blackbrush.</p>
<p>Portion of the Subdivision of T. 42 S., R. 8 E.</p>	
	<p>From the cor. of secs. 35 and 36, on the S. bdy. of the Tp.</p> <p>N. 0° 01' W., bet. secs. 35 and 36.</p> <p>Over broken land; asc. about 80 ft. over S. slope.</p>
3.80	Spur, projects E.; desc. about 300 ft. over broken NE. slope.
10.00	Wash in ravine, drains NW.; asc. about 100 ft. over SW. slope.
19.57	<p>Point selected for the witness meander cor. of secs. 35 and 36, on left bank of Colorado River.</p> <p>Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. in sandstone, with brass cap mkd.</p> <p>WMC S35 S36 T42S R8E 1958</p>

## Portion of the Subdivision: T. 42 S., R. 8 E.

## Chains

- Base about 240 ft. over ledgy N. slope.
- 24.50 Mean high water mark on inaccessible left bank of Colorado River.
- Thence across the Colorado River, course W.
- 36.30 Right bank of the Colorado River.
- Point for the meander cor. of secs. 35 and 36.
- Set an iron post, 30 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.
- T42S R8E  
S35|S36  
M C  
1958
- Asc. about 250 ft. over ledgy slope.
- 40.00 True point for the ¼ sec. cor. of secs. 35 and 36 falls on inaccessible ledge and cannot be perpetuated.
- 49.97 Point selected for the witness ¼ sec. cor. of secs. 35 and 36.
- Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. into sandstone, with brass cap mkd.
- T42S R8E  
¼  
S35|S36  
W C  
1958
- Asc. 205 ft. over broken S. slope.
- 69.75 Spur, slopes NE.; desc. 50 ft. over steep N. slope.
- 80.00 Point for the cor. of secs. 25, 26, 35 and 36.
- Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
- T42S R8E  
S26|S25  
S35|S36  
1958
- Land, broken.  
Soil, sandy with exposed sandstone.  
Timber, none.  
Undergrowth, scattered blackbrush.
- 
- From the theoretical cor. of secs. 25, 26, 35 and 36 on the E. bdy. of the Tp.
- N. 89° 57' W., bet. secs. 25 and 36.
- Across the Colorado River, course S. 20° E.

**Portion of the Subdivision, T. 42 S., R. 8 E.**

Chains	
7.00	Point for the meander cor. of secs. 25 and 36, at the mean high water mark on the inaccessible right bank of the Colorado River, not monumented.  Thence asc. about 550 ft. over canyon wall facing NE.
11.93	Rim of Glen Canyon, faces NE, and bears NW. and SE.; asc. 80 ft. along S. slope.
14.00	Spur, slopes S.; desc. 200 ft. over broken W. slope.
38.40	Wash, 40 lks. wide, 3 ft. deep, drains S.; asc. S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.  T42S R8E $\frac{1}{4}$ S25 S36 1958
	Asc. 185 ft. along broken SE. slope.
65.60	Spur, projects S. 1 ch.; desc. about 250 ft. over W. slope.
70.00	Wash, drains S. $10^{\circ}$ E.; asc. 160 ft. over E. slope.
76.10	Spur, projects S.; desc. 55 ft. over W. slope.
80.00	The cor. of secs. 25, 26, 35 and 36.  Land, broken. Soil, sandy with exposed sandstone. Timber, none. Undergrowth, scattered blackbrush.
	From the cor. of secs. 33 and 34 on the S. bdy. of the Tp.  N. $0^{\circ} 02'$ W., bet. secs. 33 and 34.  Over broken land; desc. 160 ft. over broken N. slope.
10.09	Point for the meander cor. of secs. 33 and 34.  Set an iron post, 20 ins. long, 1 in. diam., drilled 8 ins. into sandstone, in a collar of stone, with brass cap mkd.  M C 333 334 T42S R8E 1958
	Desc. 200 ft. over vertical ledge to Colorado River; thence across Colorado River, course SW.
21.02	Right bank of the Colorado River and point for the meander cor. of secs. 33 and 34.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.  T42S R8E 333 334 M C 1958

## Portion of the Subdivision, T. 42 S., R. 8 E.

Chains	
	Asc. about 240 ft. over ledgy S. slope.
31.00	Rim of Glen Canyon, faces SE.; asc. about 80 ft. over broken SW. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut on sandstone, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T42S R8E $\frac{1}{4}$ S33 S34 1958
	Cor. falls in head of draw draining SW.
	Asc. 35 ft. over broken SW. slope.
44.50	Spur, slopes W.; desc. 185 ft. along broken W. slope.
59.50	Base of W. slope; asc. 15 ft. along bottom of wash, drains S. 10° W.
67.10	Leave wash; asc. 110 ft. along E. slope.
80.00	True point for the cor. of secs. 27, 28, 33 and 34 falls in head of deep wash in sandstone and cannot be perpetuated.
	Land, broken. Soil, sandy with exposed sandstone. Timber, none. Undergrowth, scattered blackbrush.
	N. 0° 02' W., bet. secs. 27 and 28.
	Over broken land, by triangulation, with topography scaled from U. S. G. S. topographic maps; asc. 5 ft. over W. slope.
1.20	Point selected for the witness cor. of secs. 27, 28, 33 and 34.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T42S R8E S28 S27 S33 S34 W C 1958
	Asc. 80 ft. along SW. slope.
8.00	Base of steep slope; asc. about 1200 ft. over broken S. slope.
28.90	Spur, slopes W. 3 chs., thence along W. slope.
36.44	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 27 and 28.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., among boulders in mound of stone, 4 ft. base, 25 ins. high, with brass cap mkd.
	T42S R8E $\frac{1}{4}$ S28 S27 W C 1958

Portion of the Subdivision, T. 42 S., R. 8 E.

Chains		Surveyed
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28 falls on inaccessible W. slope and cannot be perpetuated. Asc. about 80 ft. along steep W. slope.	10.12
50.00	Top of knoll; desc. about 800 ft. along steep NW. and W. slope.	
80.00	True point for the cor. of secs. 21, 22, 27 and 28 falls on inaccessible W. slope and is not monumented. Land, broken. Soil, exposed sandstone. Timber, none. Undergrowth, none.	
N. 0° 02' W., bet. secs. 21 and 22		
	Over broken land, by triangulation, with topography scaled from U. S. G. S. topographic map; asc. about 80 ft. along W. slope.	
12.00	Draw, drains SW.; asc. about 400 ft. over SE. slope.	
22.00	Slope changes to S.; asc. about 240 ft. over S. slope.	
26.00	Point of spur, slopes SW.; asc. about 160 ft. along W. slope.	
31.80	Top of spur, slopes SW.; desc. about 80 ft. over NW. slope.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T42S R8E S21 S22 1958	
	Thence along broken W. slope.	
56.50	Wash, 30 lks. wide, 2 ft. deep, drains S. 10° W.; asc. about 165 ft. over broken SE. slope.	
62.50	Rim of bench, bears SW. and E.; asc. along SW. slope of bench through scattered scrub cedar.	
78.90	Small gully, drains S. 30° W.; asc. about 65 ft. over broken SW. slope.	
80.00	Point for the cor. of secs. 15, 16, 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T42S R8E S16 S15 S21 S22 1958	
	Land, broken. Soil, sandy with exposed sandstone. Timber, scattered scrub cedar. Undergrowth, scattered blackbrush.	

Portion of the Subdivision of T. 42 S., R. 8 E.

Chains	
	N. 0° 02' W., bet. secs. 15 and 16.
	Over broken land, through scattered scrub cedar; asc. about 145 ft. over SW. slope.
21.20	Spur, slopes SW.; desc. 30 ft. over NW. slope.
28.90	Wash, drains SW. from N.; asc. about 85 ft. over SE. slope.
49.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T42S R8E S16 S15 1958
	Asc. about 160 ft. over broken E. slope.
56.90	Slope changes to SW.; asc. about 135 ft. over SW. slope.
75.40	Spur, slopes SW.; desc. 40 ft. over N. slope.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T42S R8E S 9 S10 S16 S15 1958
	Land, broken. Soil, sandy with exposed sandstone. Timber, scattered scrub cedar. Undergrowth, scattered blackbrush.
	N. 0° 02' W., bet. secs. 9 and 10.
	Over broken land.
1.40	Small wash, drains SW.; asc. about 160 ft. over SW. slope.
16.00	Base of ledge, bears NW. and SE.; asc. about 800 ft. over ledgy SW. slope.
32.20	Rim of Navajo Point, bears NW. and SE.; asc. gradual SW. slope through dense timber.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T42S R8E S 9 S10 1958
	Thence along W. slope.

## Portion of the Subdivision of T. 42 S., R. 8 E.

Chains		solid)
64.50	Rim of canyon, bears NE. and SW.; desc. 165 ft. over ledgy NW. slope.	
71.20	Wash in bottom of canyon, drains SW.; asc. 160 ft. over ledgy E. slope.	
75.70	Rim of canyon, bears NE. and SW.; asc. along W. slope.	00.12
80.00	Point for the cor. of secs. 3, 4, 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.	00.88
	T42S R8E S4 S3 S9 S10 1958	
	Land, broken. Soil, sandy with exposed sandstone. Timber, none. Undergrowth, scattered blackbrush.	
	N. 0° 10' W., bet. secs. 3 and 4. Over; rolling land, through dense timber; asc. 65 ft. along gradual S. slope. Low spur, slopes SW.; thence along SW. slope.	
39.40	Point selected for the witness ¼ sec. cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.	
39.90	T42S R8E S4 S3 S9 S10 1958	
40.00	True point for the ¼ sec. cor. of secs. 3 and 4 falls on steep S. slope of sandstone knob and cannot be perpetuated. Asc. about 100 ft. along SW. slope, through dense timber.	
71.00	Spur, projects NW.; desc. about 80 ft. over NE. slope.	
79.80	The cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the Tp., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as heretofore described. Land, broken and rolling. Soil, sandy with exposed sandstone. Timber, dense scrub cedar. Undergrowth, scattered blackbrush, and silverleaf.	
	From the cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the Tp. S. 0° 01' E., bet. secs. 1 and 2. Over broken land, through scattered scrub cedar and pinon; asc. 270 ft. over steep N. slope.	

Portion of the Subdivision, T. 42 S., R. 8 E.

Chains	
7.40	Rim of ravine, faces N. and bears E. and W.; asc. along broken E. slope.
8.36	Rim of small ravine, bears E. and W.; desc. 60 ft. over S. slope.
19.72	Wash, drains E.; asc. slight N. slope.
23.32	Desc. 65 ft. over S. slope.
34.20	Wash in bottom of ravine, drains E.
36.50	Wash in bottom of ravine, drains E.; asc. 40 ft. over N. slope.
39.93	True point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2, falls in small wash draining NE. and cannot be perpetuated.
40.30	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 1 and 2. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground to bedrock, in a mound of stone, $2\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T42S R8E <math>\frac{1}{4}</math> W C S2 S1 1958</p>
	Asc. 60 ft. over N. slope.
42.60	Rim of ravine, faces N. and bears E. and W.; asc. 75 ft. along E. slope through scattered timber.
67.50	Top of ascent; desc. 95 ft. along E. slope.
79.09	Small wash, drains E.; asc. over point of spur projecting E. 1 ch.
79.93	Point for the cor. of secs. 1, 2, 11 and 12. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T42S R8E S2 S1 S11 S12 1958</p>
	Land, broken. Soil, sandy with exposed sandstone. Timber, scattered scrub cedar and pinon. Undergrowth, scattered blackbrush, sage and silverleaf.
	N. 89° 57' W., bet. secs. 2 and 11.
	Over broken land, through medium timber; asc. 440 ft. over E. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T42S R8E <math>\frac{1}{4}</math> S 2 S11 1958</p>



Portion of the Subdivision, T. 42 S., R. 8 E.

Chains		Notes
		Asc. 960 ft. over E. slope.
80.00		Point for the cor. of secs. 2, 3, 10 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.  T42S R8E S3 S2 S10 S11 1958  Cor. is located at base of 60 ft. ledge, bears N. and S. 80° E.  Land, broken. Soil, sandy with exposed sandstone. Timber, medium scrub cedar and pinon. Undergrowth, scattered blackbrush, sage and silverleaf.
		North, bet. secs. 2 and 3.  Over broken ledges, by triangulation, with topography scaled from U. S. G. S. topographic map; desc. about 700 ft. over ledgy NE. slope
40.00		Point for the ¼ sec. cor. of secs. 2 and 3.  Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.  T42S R8E S3 S2 1958  Desc. about 130 ft. over broken E. slope.
80.03		The cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as heretofore described.  Land, broken. Soil, sandy with exposed sandstone. Timber, scattered scrub cedar and pinon. Undergrowth, scattered blackbrush, sage and silverleaf.
		From the cor. of secs. 15, 16, 21 and 22.  S. 89° 59' W., bet. secs. 16 and 21.  Over broken land, through scattered timber; asc. S. slope.
7.32		Top of ascent; desc. 85 ft. over SW. slope.
17.57		Wash, drains S.; asc. over SE. slope.
20.77		Spur, slopes S.; desc. 185 ft. over SW. slope.
32.31		Wash, drains S.; asc. 40 ft. over SE. slope.
40.00		Spur, slopes S.

Portion of the subdivision, T. 42 S., R. 8 E.

Chains	
	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 16 and 21.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 10 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p>T42S R8E  <math>\frac{1}{4}</math> S16  S21  1958</p> <p>Desc. 25 ft. over SW. slope.</p>
48.39	Wash, drains S.; asc. 25 ft. over E. slope.
51.55	Spur, slopes SW.; desc. 310 ft. over SW. slope.
72.80	<p>Point selected for the witness cor. of secs. 16, 17, 20 and 21.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, <math>3\frac{1}{2}</math> ft. base to top, with brass cap mkd.</p> <p>T42S R8E  W S17 S16  C S20 S21  1958</p>
74.80	Rim of canyon, faces W, and bears N. and S.; desc. 400 ft. over steep NW. slope.
80.00	<p>True point for the cor. of secs. 16, 17, 20 and 21, falls on inaccessible ledge and cannot be perpetuated.</p> <p>Land, broken.  Soil, sandy with exposed sandstone.  Timber, scattered scrub cedar and pinon.  Undergrowth, scattered blackbrush, sage and silver leaf.</p>
	<p>From the true point for the cor. of secs. 16, 17, 20 and 21.</p> <p>N. <math>0^{\circ} 03'</math> W., bet. secs. 16 and 17.</p> <p>Over broken land, by triangulation, with topography scaled from U. S. G. S. topographic map; desc. about 160 ft. over NW. slope.</p>
6.50	Draw, drains W.; asc. about 320 ft. along broken W. slope.
34.00	Wash, drains SW.; asc. about 400 ft. over steep S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17 falls on inaccessible ledge facing S. and cannot be perpetuated.
	<p>Asc. about 250 ft. over steep S. slope.</p>
45.50	<p>Point selected for the witness <math>\frac{1}{4}</math> sec. cor. of secs. 16 and 17.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, <math>3\frac{1}{2}</math> ft. base to top, with brass cap mkd.</p> <p>T42S R8E  <math>\frac{1}{4}</math> S17 S16  W C  1958</p>

Portion of the Subdivision, T. 42 S., R. 8 E.

Chains	M-1000-1
80.00	<p>Asc. about 350 ft. over SW. slope.</p> <p>Point for the cor. of secs. 8, 9, 16 and 17.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T42S R8E</p> <p>S8 S9</p> <p>S17 S16</p> <p>1958</p> </div> <p>Land, broken.</p> <p>Soil, sandy with exposed sandstone.</p> <p>Timber, scattered scrub cedar and pinon.</p> <p>Undergrowth, scattered blackbrush, sage and silver leaf.</p>
40.00	<p>From the cor. of secs. 9, 10, 15 and 16.</p> <p>S. 89° 59' W., bet. secs. 9 and 16.</p> <p>Over broken land; desc. about 240 ft. over broken SW. slope.</p> <p>Point for the ¼ sec. cor. of secs. 9 and 16.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T42S R8E</p> <p>S 9</p> <p>¼ S16</p> <p>1958</p> </div> <p>Desc. 115 ft. along broken S. slope.</p>
49.60	<p>Wash, 30 lks. wide, 2 ft. deep, drains S.; asc. SE. slope.</p>
64.61	<p>Spur, slopes S.; desc. 50 ft. along broken S. slope.</p>
76.70	<p>Small spur, slopes SW.; desc. 60 ft. over NW. slope.</p>
80.00	<p>The cor. of secs. 8, 9, 16 and 17.</p> <p>Land, broken.</p> <p>Soil, sandy, exposed sandstone.</p> <p>Timber, scattered scrub cedar and pinon.</p> <p>Undergrowth, scattered black brush, sage and silver leaf.</p>
28.10	<p>From the cor. of secs. 32 and 33 on the S. bdy. of the Tp.</p> <p>N. 0° 03' W., bet. secs. 32 and 33.</p> <p>Over broken land; asc. 300 ft. over broken SE. slope.</p> <p>Spur, slopes E.; desc. 95 ft. along broken E. slope.</p>

Portion of the Subdivision, T. 42 S., R. 8 E.

Chains	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.  T42S R8E $\frac{1}{4}$ S32 S33 1958  Asc. 15 ft. along E. slope.
42.00	Small spur, slopes E.; desc. 75 ft. along broken E. slope.
56.10	Small wash, drains E.; asc. 20 ft. along broken E. slope.
66.20	Small spur, slopes E.; desc. 40 ft. along E. slope.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.  T42S R8E S29 S28 S32 S33 1958  Land, broken. Soil, sandy with exposed sandstone. Timber, scattered scrub cedar and pinon. Undergrowth, scattered blackbrush, sage and silver leaf.
	From the true point for the cor. of secs. 31 and 32, on the S. bdy. of the Tp.  N. $0^{\circ} 03' W.$ , bet. secs. 31 and 32.  Over broken land, by triangulation with topography scaled from U. S. G. S. topographic map; asc. about 240 ft. over SW. slope.
9.50	Thence asc. over gradual E. slope.
20.00	Spur, projects SE.; desc. about 40 ft. over NW. slope.
30.00	Draw, drains SW.; asc. about 240 ft. over S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.  T42S R8E $\frac{1}{4}$ S31 S32 1958  Asc. about 420 ft. over broken S. slope.

Portion of the Subdivision, T. 42 S., R. 8 E.

Chains		
52.00	Spur, slopes SW.; desc. about 500 ft. over steep NW. slope.	06.00
80.00	Point for the cor. of secs. 29, 30, 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.	
	T42S R8E S30 S29 S31 S32 1958	
	Land, broken. Soil, sandy with exposed sandstone. Timber, scattered scrub cedar and pinon. Undergrowth, scattered blackbrush, sage and silver leaf.	
	From the cor. of secs. 28, 29, 32 and 33: S. 89° 58' W., bet. secs. 29 and 32.	
	Over broken land, by triangulation with topography scaled from U. S. G. S. topographic map; asc. about 160 ft. over E. slope.	
7.50	Base of ledge facing E., bears irregularly N. and S.; asc. about 650 ft. over ledgy E. slope.	
17.00	Rim of canyon, faces E. and bears N. and S.; thence across mesa bearing N. and S.	
34.50	Point selected for the witness ¼ sec. cor. of secs. 29 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.	
	T42S R8E W. S29 C ¼ S32 1958	
34.65	Rim of canyon, faces W. and bears N. and S.; desc. about 320 ft. over ledgy E. slope.	
40.00	True point for the ¼ sec. cor. of secs. 29 and 32 falls on inaccessible ledges and cannot be perpetuated. Cont. descent of about 600 ft. over ledgy E. slope.	
49.00	Base of ledges, bears N. and S. about 4 chs., thence W.; desc. about 100 ft. over E. slope.	
52.00	Draw, drains NW.; thence along N. slope.	
71.50	Slope changes to NW.; desc. about 70 ft. over NW. slope.	
80.00	The cor. of secs. 29, 30, 31 and 32. Land, broken. Soil, sandy with exposed sandstone. Timber, scattered scrub cedar and pinon. Undergrowth, scattered blackbrush, sage and silver leaf.	

# Meanders of the Colorado River in Section 32, T. 42 S., R. 8 E.

## Chains

From the point for the meander cor. of sec. 32 on the right bank of the Colorado River, from which its witness meander cor., an iron post 1 in. diam., heretofore described, bears S.  $89^{\circ} 59' E.$ , 85 lks. dist., and from the point for the meander cor., the cor. of secs. 32 and 33 on the S. bdy. of the Tp., an iron post,  $2\frac{1}{2}$  ins. diam., heretofore described, bears S.  $89^{\circ} 59' E.$ , 10.25 chs. dist.

Thence downstream with the meanders of the right bank of the Colorado River, along bottom land, through willows and tamarisk.

N.  $63^{\circ} 03' W.$ , 9.45 chs.

N.  $68^{\circ} 15' W.$ , 17.43 chs.

S.  $88^{\circ} 30' W.$ , 6.15 chs.

N.  $86^{\circ} 30' W.$ , 11.30 chs.

S.  $80^{\circ} 02' W.$ , 8.61 chs.

S.  $55^{\circ} 43' W.$ , 5.56 chs.

S.  $49^{\circ} 55' W.$ , 10.33 chs. The meander cor. of sec. 32 on the S. bdy. of the Tp.

From this meander cor. the cor. of secs. 31 and 32 on the S. bdy. of the Tp., bears N.  $89^{\circ} 59' W.$ , 6.73 chs. dist.; from which its witness cor. bears N.  $89^{\circ} 59' W.$ , 5.14 chs. dist.

Land, bottom land subject to overflow.

Soil, rocky and sandy silt.

Timber, scattered willows and tamarisk.

From the meander cor. of secs. 32 on the left bank of the Colorado River.

From this meander cor. the cor. of secs. 32 and 33, an iron post, 1 in. diam., heretofore described, bears S.  $89^{\circ} 59' E.$ , 43.61 chs. dist.

Thence downstream with the meanders of the left bank of the Colorado River.

N.  $56^{\circ} 40' W.$ , 4.48 chs.

S.  $79^{\circ} 37' W.$ , 2.66 chs.

S.  $57^{\circ} 56' W.$ , 3.73 chs. The meander cor. of sec. 32 on the S. bdy. of the Tp.

From this meander cor. the cor. of secs. 31 and 32 on the S. bdy. of the Tp. bears N.  $89^{\circ} 59' W.$ , 26.87 chs. dist.; from which its witness cor. bears N.  $89^{\circ} 59' W.$ , 5.14 chs. dist.

Land, bottom land subject to overflow.

Soil, rocky and sandy silt.

Timber, scattered willows and tamarisk.

## Meanders of the Colorado River in Section 36, T. 42 S., R. 8 E.

From the true point for the meander cor. of secs. 25 and 36 on the right bank of the Colorado River, which is inaccessible and not monumented.

From this meander cor. the  $\frac{1}{2}$  sec. cor. of secs. 25 and 36, an iron post,  $2\frac{1}{2}$  ins. diam., heretofore described, bears N.  $89^{\circ} 57' W.$ , 33.00 chs. dist.

# Meanders of the Colorado River in Section 36, T. 42 S., R. 8 E.

Chains

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Thence downstream with the meanders of the right bank of the river through narrow fringe of willows and tamarisk. The point for the meander cor. of sec. 36 on the E. bdy. of the Tp., from which its witness meander cor. bears S. 5.36 chs. dist.

Land, bottom of Colorado River Canyon. Soil, rocks and sandy silt. Timber, narrow border of willows and tamarisk.

From the point for the meander cor. of sec. 36 on the E. bdy. of the Tp., and on the right bank of the Colorado River, from which its witness meander cor., an iron post, 2½ ins. diam., heretofore described, bears N. 2.91 chs. dist., and from the point for the meander cor. of Tps. 42 S. and 43 S., bears S. 49.00 chs. dist.

Thence downstream with the meanders of the right bank of the river through willows and tamarisk along the river bank.

S. 55° 47' W., 18.44 chs.  
S. 83° 20' W., 14.72 chs.  
N. 85° 32' W., 12.69 chs.  
S. 77° 09' W., 17.76 chs.  
N. 83° 14' W., 20.29 chs.

The meander cor. of secs. 35 and 36.

Land, bottom of Colorado River Canyon. Soil, rocks and sandy silt. Timber, willows and tamarisk along river bank.

From the meander cor. of sec. 36 on the E. bdy. of the Tp. and on the left bank of the Colorado River, an iron post, 2½ ins. diam., heretofore described.

From this meander cor. the cor. of Tps. 42 S. and 43 S., bears S. 31.28 chs. dist.

Thence downstream with the meanders of the left bank of the river, through willows and tamarisk.

S. 51° 48' W., 20.23 chs.  
S. 82° 48' W., 16.59 chs.  
N. 82° 23' W., 24.61 chs.  
N. 78° 49' W., 23.70 chs.

The point for the meander cor. of secs. 35 and 36, from which its witness meander cor. bears S. 0° 01' E., 4.93 chs. dist.

Land, bottom of Colorado River Canyon. Soil, rocks and sandy silt. Timber, willows and tamarisk along river banks.

The above meanders were determined by photogrammetric processes.

Township 42 South, Range 8 East

Chains	General Description
	<p>The land in this township is rough and mountainous, and the elevation varies from about 3200 ft. above sea level in the bottom of Glen Canyon along the south boundary of the township to 7400 ft. above sea level on Kaiparowits Plateau in the north central part of the township. Kaiparowits Plateau extends south through sections 3, 4, 9 and 10 and ends in section 15 at Navajo Point. The drainage in sections 1 and 2 is to the east and the balance of the township drains south to the Colorado River. The Colorado River enters the township in section 25 and flows south and west through sections 33, 34, 35 and 36 leaving the township in section 33, then reenters in section 32 and leaves again in section 32, and just touches again at the southwest corner of the township.</p> <p>The soil is rocky to sandy clay with exposed sandstone ridges and ledges. There is scattered to dense juniper, pinon and oak over the township with medium growth of sage, blackbrush, silver leaf, bitter brush and mountain rush.</p> <p>There are no access roads or other improvements within the township and the land is used primarily for livestock grazing.</p> <p>Access to the survey lines was provided by helicopters.</p>



## FIELD ASSISTANTS

16-53565-2

# CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor that, in  
pursuance of special instructions bearing date of the 27th day of August, 1959  
I have surveyed the north boundary of T. 42 S., R. 8 E.

of the Salt Lake Meridian, in the State of Utah, which are  
represented in the foregoing field notes as having been executed by me and under my direction; and that  
said survey has been made in strict conformity with said instructions, the Manual of Instructions for the  
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing  
field notes.

Salt Lake City, Utah  
May 14, 1959

Fred R. Chappell  
Fred R. Chappell  
Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 42 S.  
R. 8 E., SLM, Utah, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.



# CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1956

I have surveyed the north, east and south boundaries and a portion of the subdivision of T. 42 S., R. 8 E.,

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

May 14, 1959

*Craig P. Sylvester*  
Craig P. Sylvester  
Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
*Chief, Division of Cadastral Engineering.*

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_

\_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
*Chief, Division of Cadastral Engineering.*

# CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1958,

I have ~~surveyed~~ supervised the survey of the north, east and south boundaries and a portion of the subdivision with meanders of the Colorado River in sections 32 and 36 determined by photogrammetric processes of T. 42 S., R. 8 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed under my supervision ~~by me and under my direction~~; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

May 14, 1959

Vern E. Lane

Cadastral Surveyor (Chief of Party)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D.C., OCT 9 1959, 19

The foregoing field notes of the survey of the north, east and south boundaries and a portion of the subdivision with meanders of the Colorado River in sections 32 and 36 determined by photogrammetric processes of T. 42 S., R. 8 E.

executed by Craig P. Sylvester and Fred R. Chappell, Cadastral Surveyors, under the supervision of Vern E. Lane, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.

Donald Clement  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 42 S. R. 8 E., SLM, Utah, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 42 SOUTH, RANGE 8½ EAST

*Of the*

Salt Lake

Meridian,

*In the State of*

Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Boyd S. Owens - Cadastral Surveyor

*Under special instructions dated August 27, 19 56, which provided  
for the surveys included under Group No. 408, approved November 8, 1956  
and assignment instructions dated May 7, 19 58*

*Survey commenced October 9, 19 58*

*Survey completed October 9, 19 58*

INDEX DIAGRAM

Township 42 South, Range 8½ East

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## Township 42 South, Range 8½ East

Chains

The north boundary of this township was surveyed concurrently and under Group 408 by Boyd S. Owens. The record thereof is included in the field notes of Tp. 41 S., R. 8½ E. The west boundary was surveyed concurrently and under Group 408 by Craig P. Sylvester. The record thereof is included in the field notes of Tp. 42 S., R. 8 E. The north 1½ miles of the east boundary was surveyed concurrently under Group 404 by Fred R. Chappell. The record thereof is included in the field notes of Tp. 41 S., R. 9 E.

The following field notes are those of the survey of a portion of the subdivision of Tp. 42 S., R. 8½ E., deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with a W. & L. E. Gurley solar transit, serial No. 560147, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the northeast corner of the township is at latitude 37° 11' 37" N. and longitude 110° 57' 17.1" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' E.



Portion of the Subdivision, Tp. 42 S., R. 8½ E.

Chains

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Beginning at the cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the township, an iron post, 2½ ins. diam., conforming to the field notes of Tp. 41 S., R. 8½ E.

S. 0° 01' E., bet. secs. 1 and 2.

Over rolling land, general SW. drainage; desc. 10 ft.

- 1.00 Wash, 50 lks. wide, 2 ft. deep, drains SW.; asc. 30 ft. over NW. slope.
- 2.30 Spur, slopes SW.; desc. 50 ft. over broken SE. slope.
- 8.40 Wash, 30 lks. wide, 2 ft. deep, drains irregularly SW.; asc. 60 ft. over rolling N. slope.
- 13.90 Spur, slopes W.; desc. 80 ft. over rolling land facing SW.
- 40.00 Point for the ¼ sec. cor. of secs. 1 and 2.

Set an iron post, 36 ins. long, 1 in. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R8½E

S 2 | S 1  
1958

Desc. 40 ft.

- 72.70 Slope and drainage changes to SE.; desc. 90 ft. over broken sandstone.
- 79.90 Base of sandstone.
- 80.00 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in sand, with brass cap mkd.

T42S R8½E

S 2 | S 1  
S11 | S12  
1958

Deposit charcoal at base of post.

Land, rolling, slightly broken.

Soil, exposed sandstone and shallow sand.

Undergrowth, moderate to scattered blackbrush, grass, Brigham tea, yellow brush and cacti.

S. 89° 59' W., bet. secs. 2 and 11.

Over rolling broken land, by triangulation, topography as taken from U.S.G.S. topographic map.

- 6.00 E. rim of gulch, bears irregularly N. 15° W. and S. 15° E.; desc. about 160 ft. over sandstone wall facing SW.
- 8.00 Bottom of gulch, drains S. 15° E.; asc. about 160 ft. over broken wall facing NE.
- 14.00 W. rim of gulch, bears N. 15° W. and S. 15° E.; asc. about 120 ft. over steep E. slope.
- 18.50 Top of ascent; end of triangulation; desc. 80 ft. over sandstone facing SW.

## Portion of the Subdivision, Tp. 42 S., R. 8 E.

Chains

23.30 Bottom of swale, drains SW.; asc. 50 ft. over SE. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S R8 $\frac{1}{2}$ E
$$\frac{1}{4} \frac{S \ 2}{S11}$$

1958

Desc. 10 ft. over W. slope.

41.43 The cor. of secs. 1, 2, 11 and 12 on the W. bdy. of the township.

Land, rolling and broken.

Soil, sandy, clay, rocky and exposed sandstone.

Undergrowth, moderate blackbrush, scattered Brigham tea, yellow brush, cacti and grass.

For the general description of this township, reference is made to Tp. 42 S., R. 8 E.

## FIELD ASSISTANTS

10-53585-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, in  
pursuance of special instructions bearing date of the 27th day of August, 1956,  
I have surveyed a portion of the subdivision of Township 42 South, Range 8 1/2 East

of the Salt Lake Meridian, in the State of Utah, which are  
represented in the foregoing field notes as having been executed by me and under my direction; and that  
said survey has been made in strict conformity with said instructions, the Manual of Instructions for the  
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing  
field notes.

May 19, 1959  
Salt Lake City, Utah

Boyd S. Owens  
Boyd S. Owens, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C.,, 19    

The foregoing field notes of the survey of \_\_\_\_\_  
\_\_\_\_\_ executed by \_\_\_\_\_  
\_\_\_\_\_ having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_  
\_\_\_\_\_, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

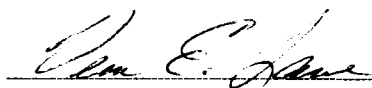
# CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1954, I have ~~surveyed~~ supervised the survey of a portion of the subdivision of Township 42 South, Range 8½ East.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 19, 1959

Salt Lake City, Utah



Vern E. Lane, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 9 1959, 19

The foregoing field notes of the survey of a portion of the subdivision, Township 42 South, Range 8½ East, Salt Lake Meridian, Utah

executed by Boyd S. Owens, under the supervision of Vern E. Lane

having been critically examined and found correct, are hereby approved.



Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in~~

~~, is a true copy of the original field notes.~~

~~Cadastral Engineering Staff Officer~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY

OF

THE SOUTH AND WEST BOUNDARIES,

A PORTION OF THE SUBDIVISION

AND

THE MEANDERS OF A PORTION OF THE COLORADO RIVER

IN

TOWNSHIP 40½ SOUTH, RANGE 9 EAST

Of the Salt Lake Meridian,

In the State of Utah

## EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Boyd S. Owens - Cadastral Surveyor

Fred R. Chappell - Cadastral Surveyor

Under special instructions dated August 27, 1956, which provided  
for the surveys included under Group No. 404, approved November 7, 1956  
and assignment instructions dated May 7, 1958

Survey commenced September 30, 1958

Survey completed October 3, 1958

# INDEX DIAGRAM

Township 40½ South, Range 9 East

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Meanders of the Colorado River - Page 12

16-56770-1

Boyd S. Owens \_\_\_\_\_

Fred R. Chappell \_\_\_\_\_

24922

## Township 40½ South, Range 9 East

## Chains

The north boundary was surveyed concurrently under Group 410 by Boyd S. Owens. The notes thereof are included in the field notes of Tps. 40 S., Rs. 9 and 10 E. The east boundary was surveyed in 1957 under Group 404 by Boyd S. Owens. The notes thereof are included in the field notes of T. 40 S., R. 10 E.

The following field notes are those of the survey of the south boundary, the west boundary and a portion of the subdivision of T. 40½ S., R. 9 E., deemed sufficient in extent to facilitate the development of natural resources and mark the boundaries of those sections that are normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits, serial Nos. 560147 and 541327, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record, the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U.S.G.S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 15' 32" N. and longitude 110° 51' 15.5" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 15' E.



South Boundary of T<sub>40</sub> S., R. 9 E.

Chains	
	Beginning at the cor. of T <sub>40</sub> S., R. 9 E. and T <sub>40</sub> S., R. 10 E., a 24 in. iron post, set, mkd. and witnessed as described in the official record.
	West, along the S. bdy. of sec. 36.
	Over rolling sandstone; asc. 10 ft.
7.50	Top of ascent; desc. 90 ft. over steep W. slope.
10.70	E. rim of Colorado River Canyon, bears NE. and SW. on bend; by triangulation with topography estimated from U.S.G.S. map, desc. approx. 780 ft. over canyon wall and steep broken talus slope facing W.
22.93	Left bank of the Colorado River, at mean high water level, course SW.
	Point for the meander cor. of sec. 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	<div style="text-align: center;">           T40½S            R9E            MC / S36            1958         </div>
	Thence across Colorado River, course SW., by triangulation.
33.80	Right bank of Colorado River, at mean high water level, course SW. on bend.
	Point for the meander cor. of sec. 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;">           T40½S            R9E            S36 / MC            1958         </div>
	Deposit charcoal at base of post.
	End of triangulation; asc. 210 ft. over vertical canyon wall facing SE.
38.40	Top of wall, thence over broken shelf.
40.00	Point for the ¼ sec. cor. of sec. 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	<div style="text-align: center;">           T40½S R9E            ¼ S36            1958         </div>
43.50	Base of broken ledge facine SE.; asc. 130 ft.
48.90	Top of ledge; desc. 30 ft. over rolling, slightly broken bench.
65.30	Small wash, drains S.; continue over rolling bench.
77.80	Small wash, drains S.; asc. 30 ft.

## South Boundary of Tp. 40½ S., R. 9 E.

Chains	
80.00	<p>Point for the cor. of secs. 35 and 36.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T40½S R9E S35 S36 1958</p> <p>Land, broken and rolling. Soil, exposed sandstone and shallow sand. Timber, none; undergrowth, moderate blackbrush, Brigham tea on bench, willow and tamarisk along river.</p>
	<p>West, along the S. bdy. of secs. 35.</p> <p>Over rolling, slightly broken bench land.</p>
5.50	Base of broken sandstone point; asc. 40 ft. over ledge facing SE.
6.20	Sandstone point, projects S., 20 lks. to end; by triangulation, topography approx. as taken from U.S.G.S. map, desc. about 40 ft. over broken ledge facing SW.
6.90	Base of point; desc. approx. 40 ft. over rolling bench.
12.00	Small wash, drains S.; asc. approx. 20 ft. over rolling land.
26.00	Small wash, drains SE.; asc. approx. 20 ft. over SE slope.
35.00	Base of steep sandstone slope facing SE.; asc. approx. 240 ft.
40.00	True point for the ¼ sec. cor. of sec. 35 falls on steep slope where the cor. cannot be perpetuated.
	Asc. approx. 600 ft. over nearly vertical canyon wall.
44.30	W. rim of canyon, bears irregularly NE. and SW. on bend.
44.40	Point selected for the witness ¼ sec. cor. of sec. 35.
	<p>Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T40½S R9E ¼ <math>\frac{S35}{1958}</math> W C</p>
	End of triangulation; asc. 60 ft. over rolling sandstone sloping E.
55.50	Leave exposed sandstone; desc. 20 ft. over rolling desert land, with numerous sandstone outcrops.
80.00	<p>Point for the cor. of secs. 34 and 35.</p> <p>Set an iron post, 15 ins. long, 1 in. diam., 6 ins. in drilled hole in solid sandstone, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T40½S R9E S34 S35 1958</p>

## South Boundary of T40½ S., R. 9 E.

Chains	<p>Land, rolling and broken.          Soil, exposed sandstone and shallow sand.          Timber, none; undergrowth, moderate blackbrush, yellow brush, Brigham tea and sage in sandy pockets and on bench.</p>
40.00	<p>West, along the S. bdy. of sec. 34.</p> <p>Over rolling desert land with sandstone outcrops; desc. 140 ft. over rolling NW. slope.</p> <p>Point for the ¼ sec. cor. of sec. 34.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T40½S R9E          ¼ <u>S34</u>          1958</p>
43.10	<p>Desc. 10 ft.</p> <p>Wash, 60 lks. wide; 1 ft. deep; drains SW.; asc. 20 ft. over SE. slope.</p>
47.50	<p>Spur, slopes SW.; desc. 50 ft. over W. slope.</p>
55.70	<p>Recross same wash, drains NW.; asc. 10 ft. over rolling land.</p>
67.70	<p>Jeep road to The Hole in the Rock, bears N. and S.; desc. 50 ft.</p>
80.00	<p>Point for the cor. of secs. 33 and 34.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T40½S R9E  <u>S33 S34</u>          1958</p>
40.00	<p>Land, rolling desert,          Soil, exposed sandstone and sand.          Timber, none; undergrowth, scattered to moderate blackbrush, Brigham tea, grass and cacti.</p> <p>West, along the S. bdy. of secs. 33.</p> <p>Over rolling desert land; asc. 80 ft.</p> <p>Point for the ¼ sec. cor. of sec. 33.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T40½S R9E          ¼ <u>S33</u>          1958</p>
80.00	<p>Asc. 30 ft.</p> <p>Point for the cor. of secs. 32 and 33.</p>

South Boundary of Twp. 40<sup>th</sup> S., R. 9 E.

## Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.

T40½S R9E

S32|S33

1958

Deposit charcoal at base of post.

Land, rolling.

Soil, sandy.

Timber, none; undergrowth, moderate blackbrush, sage, Brigham tea and scattered grass.

West, along the S. bdy. of sec. 32.

Over rolling desert land; desc. 20 ft.

40.00 Point for the ¼ sec. cor. of sec. 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.

T40½S R9E

¼ S32

1958

Desc. 10 ft. over gentle W. slope.

46.20 Gully, drains irregularly S.; asc. 110 ft. over rolling sandstone facing SE.

58.95 Top of ascent. Base Meridian bears S., 13 lks. dist.; desc. 110 ft. over rolling sandstone facing W.

69.60 Jeep road to The Hole in the Rock; bears N. 60° E. and S. 70° W.; asc. 10 ft. over rolling sandstone.

80.00 Point for the cor. of secs. 31 and 32.

Set an iron post, 22 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, and in a mound of stone, 2 ft. base to top, with brass cap mkd.

T40½S R9E

S31|S32

1958

Land, rolling desert.

Soil, sandy E. 46.00 chs., exposed sandstone and shallow sand the balance.

Timber, none; undergrowth, moderate sage, Brigham tea, cacti and grass where soil is sandy.

West, along the S. bdy. of sec. 31.

Over rolling land, mostly exposed sandstone; desc. 40 ft.

40.00 Point for the ¼ sec. cor. of sec. 31.

Set an iron post, 38 ins. long, 1 in. diam., 6 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

South Boundary of Tps. 40 $\frac{1}{2}$  S., R. 9 E.

enladO

Chains

T40 $\frac{1}{2}$ S R9E  
 $\frac{1}{4}$  S31  
 1958

Asc. 20 ft. over sandstone facing E.

43.39 Intersect the E. bdy. of Tp. 41 S., R. 8 $\frac{1}{2}$  E., at the point for the closing cor. of Tps. 40 $\frac{1}{2}$  and 41 S., R. 9 E.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T41S T40 $\frac{1}{2}$ S  
 R9E  
 S12 | S31 C  
 R8 $\frac{1}{2}$ E | S 6" C  
 R9E  
 T41S  
 1958

From this closing cor., the  $\frac{1}{4}$  sec. cor. of sec. 6, Tp. 41 S., R. 9 E. bears S. 39.59 chs. dist., an iron post, 2 $\frac{1}{2}$  ins. diam., set, mkd. and witnessed as described in the field notes of Tp. 41 S., R. 9 E.

Land, rolling.

Soil, mostly exposed sandstone.

Undergrowth, scattered sage, blackbrush, Brigham tea and grass.

West Boundary of Tp. 40 $\frac{1}{2}$  S., R. 9 E.

From the closing cor. of Tps. 40 $\frac{1}{2}$  and 41 S., R. 9 E., a 2 $\frac{1}{2}$  in. iron post, heretofore described.

North, along the W. bdy. of sec. 31.

Over rolling exposed sandstone; desc. 20 ft.

16.00 Swale; asc. 30 ft. over SW. slope.

27.20 W. slope of knoll; desc. 30 ft. over NW. slope.

28.50 Head of draw, drains SW.; asc. 50 ft. over S. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of sec. 31.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

T41S R40 $\frac{1}{2}$ S  
 $\frac{1}{4}$  S31  
 T8 $\frac{1}{2}$ E R9E  
 1958

Deposit charcoal at base of post.

Cor. is located on crest of ridge bearing E. and W.

41.90 Clear Creek Trail, bears N. 70° E. and W.; desc. 40 ft. over N. slope.

50.00 Bottom of small basin; asc. 30 ft. over general S. slope.

69:20 Blackbrush mesa; desc. 30 ft. over mesa top.

West Boundary of Tp. 40 $\frac{1}{2}$  S., R. 9 E.

Chains

80.00 Point for the cor. of secs. 30 and 31.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.T41S T40 $\frac{1}{2}$ S

S30

S31

T8 $\frac{1}{2}$ E R9E

1958

Deposit charcoal at base of post.

Land, rolling.

Soil, sandy and exposed sandstone.

Timber, none; undergrowth, scattered to moderate blackbrush, sage and Brigham tea.

North, along the W. bdy. of sec. 30.

Over gentle rolling land; desc. 60 ft. over gentle N. slope.

20.80 Bottom of swale; asc. 20 ft. over rolling land.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of sec. 30.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.T40 $\frac{1}{2}$ SR8 $\frac{1}{2}$ E R9E $\frac{1}{4}$ 

S30

1958

Deposit charcoal at base of post.

51.10 Intersect the S. bdy. of Tp. 40 S., R. 9 E., at the point for the closing cor. of T. 40 $\frac{1}{2}$  S., R. 9 E. and T. 41 S., R. 8 $\frac{1}{2}$  E.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 12 ins. in the ground, and in a collar of stone, with brass cap mkd.

T40S R9E

S32

S 1 | S30

C C

T41S T40 $\frac{1}{2}$ SR8 $\frac{1}{2}$ E R9E

1958

From this closing cor., the standard  $\frac{1}{4}$  sec. cor. of sec. 32, Tp. 40 S., R. 9 E. bears E., 9.90 chs. dist., a 2 $\frac{1}{2}$  in. iron post, set, mkd. and witnessed as described in the survey of the S. bdy. of Tp. 40 S., R. 9 E.

Land, rolling.

Soil, sandy and exposed sandstone.

Timber, none; undergrowth, scattered to moderate blackbrush, sage and Brigham tea.

Portion of the Subdivision, Tp. 40 S., R. 9 E.

Chains	From the cor. of secs. 35 and 36 on the S. bdy. of the township. N. 0° 01' W., bet. secs. 35 and 36.  Over rolling and broken land; by triangulation, topography as taken from U.S.G.S. topographic map, asc. 10 ft. over slightly broken bench land.
7.00	Base of rolling sandstone facing SE.; asc. approx. 200 ft.
15.20	End of triangulation; asc. 180 ft. over rolling sandstone, SE. drainage and exposure.
40.00	Point for the 1/4 sec. cor. of secs. 35 and 36.  Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.  T40 1/4 S R9E S35 S36 1958  Asc. 130 ft.
47.60	Drainage and exposure changes to E.; continue over rolling sandstone.
60.80	SW. rim of Colorado River Canyon, bears E. circling to S., and W. circling to N.; by triangulation desc. 600 ft. over canyon wall facing N.
64.00	Base of wall; asc. approx. 30 ft. along broken talus slope facing E.
74.90	End of point projecting E.; desc. 30 ft. over N. slope.
76.90	End of triangulation; desc. 170 ft. over broken ledges facing N.
79.60	Bottom of short draw, drains E.; asc. 20 ft. over broken ledge facing SE.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.  Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.  T40 1/4 S R9E S26 S25 S35 S36 1958  Land, rolling and broken. Soil, mostly exposed sandstone. Timber, none; undergrowth, scant.
	From the true point for the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township, from which its witness cor. bears S., 6.70 chs. dist., an iron post, 2 1/2 ins. diam., described in the field notes of Tp. 40 S., R. 10 E.  N. 89° 55' W., bet. secs. 25 and 36.  Over broken land; by triangulation, topography as taken from U.S.G.S. topographic map, desc. approx. 320 ft. over canyon wall facing NW.
2.00	Base of wall; desc. approx. 240 ft. over broken bench, SW. drainage.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 36.

Portion of the Subdivision, T<sub>40</sub><sup>1</sup>/<sub>2</sub> S., R. 9 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T40½S R9E

½ S25  
S36  
1958

Desc. approx. 120 ft. over broken NW. slope.

43.00 Broken bottom of short side canyon, drains SW.; asc. approx. 120 ft. over broken SE. slope.

50.00 Sandstone point, projects S. 70° W.; desc. 80 ft. over point.

56.00 Begin descent of approx. 320 ft. over broken ledges facing SW.

62.16 Left bank of the Colorado River, at mean high water level, course SE.  
Point for the meander cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.

T40½S

R9E

S25

S36

MC

1958

Deposit charcoal at base of post.

Thence across Colorado River, course SE.; by triangulation.

75.22 Right bank of Colorado River, at mean high water level, course SE.

Point for the meander cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a collar of stone, with brass cap mkd.

T40½S

R9E

S25

S36

MC

1958

End of triangulation; asc. 110 ft. over broken land facing SE.

79.99 The cor. of secs. 25, 26, 35 and 36.

Land, broken and rolling.

Soil, exposed sandstone and shallow sand.

Timber, none; undergrowth, scant.

From the cor. of secs. 32 and 33 on the S. bdy. of the township.

N. 0° 03' W., bet. secs. 32 and 33.

Over gently rolling land; asc. 20 ft. over S. slope.

3.60 Top of ascent; thence over ridge bearing E. and W.

8.20 Jeep road to The Hole in the Rock, bears NE. and SW.



Chains

anig40

- 18.90 Begin descent over rolling NW. slope; desc. 40 ft.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 32 and 33.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground, with brass cap mkd.
- T40 $\frac{1}{2}$ S R9E  
 $\frac{1}{4}$   
 S32 | S33  
 1958
- Deposit charcoal at base of post.
- 40.40 Small wash, drains N.  $10^{\circ}$  W.; desc. 70 ft.
- 55.00 Wash, 40 lks. wide, 1 ft. deep; drains NE.; desc. 110 ft. over rolling land draining NE.
- 74.00 Wash, 50 lks. wide, 1 ft. deep, drains NE.; continue along E. slope.
- 80.00 Point for the cor. of secs. 28, 29, 32 and 33.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T40 $\frac{1}{2}$ S R9E  
 S29 | S28  
 S32 | S33  
 1958

The cor. is located near base of E. slope.

Land, rolling.

Soil, sandy and exposed sandstone.

Timber, none; undergrowth, moderate blackbrush, scattered sage, cacti, Brigham tea, yellow brush and grass.

From the cor. of secs. 31 and 32 on the S. bdy. of the township.

N.  $0^{\circ} 03'$  W., bet. secs. 31 and 32.

Over rolling desert land, with numerous sloping sandstone formations facing W.

- 39.70 Leave exposed sandstone.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 32.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.

T40 $\frac{1}{2}$ S R9E  
 $\frac{1}{4}$   
 S31 | S32  
 1958

Deposit charcoal at base of post.

Asc. 10 ft. over sandy desert land.

- 48.90 Leave sandy desert land; asc. 40 ft. over slickrock facing S.
- 50.20 Slope changes to SW.; asc. 30 ft.
- 55.10 Mesa rim, bears NW. and irregularly S.  $15^{\circ}$  E.; asc. 10 ft. over rolling top through moderate blackbrush.

Portion of the Subdivision, T404S, R. 9 E.

## Chains

61.30 W. rim of mesa, bears E. and W.; desc. 140 ft. over NW slope.

68.50 Base of NW slope; desc. 10 ft. over low rolling sandstone.

72.70 Jeep trail, bears E. and W.; asc. 70 ft. over rolling sandstone sloping E.

80.00 Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drilled hole in solid sandstone, with brass cap mkd.

T404S, R9E

S30 | S29

S31 | S32

1958

Cor. is located on sandstone spur sloping E.

Land, rolling.

Soil, exposed sandstone, sandy and shallow sand.

Timber, none; undergrowth, moderate blackbrush on mesa top and in sandy depressions, scattered sage, cacti, Brigham tea and grass.

From the cor. of secs. 28, 29, 32 and 33.

S. 89° 58' W., bet. secs. 29 and 32.

Over rolling, slightly broken desert land; asc. 150 ft. over rolling sandstone facing E.

17.00 E. rim of mesa, bears N. and SW.; asc. 20 ft. over rolling mesa top through moderate blackbrush.

26.00 W. rim of mesa, bears N. 15° E. and S. 15° W.; desc. 50 ft. over rolling sandstone sloping and draining NW.

39.99 Point for the  $\frac{1}{4}$  sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) mkd. on solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T404S, R9E

$\frac{1}{4}$  S29

S32

1958

Desc. 60 ft. over rolling sandstone draining NW.

53.70 Wash, 30 lks. wide, 2 ft. deep, drains N. 20° E.; desc. 10 ft. over rolling sandstone.

67.30 Jeep trail, bears NE. and SW.; asc. 50 ft.

69.70 Sandstone knob; desc. 40 ft.

71.00 Base of knob; thence across small swale.

75.80 Base of sandstone spur sloping E.; asc. 60 ft.

79.97 The cor. of secs. 29, 30, 31 and 32.

**Portion of the Subdivision, Twp. 40 S., R. 9 E.**

Chains

Chains

Land, rolling, slightly broken. Soil, exposed sandstone, shallow sand and sandy. Timber, none; undergrowth, moderate to scattered blackbrush, sage, Brigham tea, yellow brush and grass.

**Meanders of the Colorado River**

**Meanders of the Right Bank of the Colorado River in Sec. 36**

From the meander cor. of Secs. 25 and 36, and on the right bank of the Colorado River, which is monumented by an iron post, 2½ ins. diam., heretofore described.

Thence downstream with the meanders of the right bank of the river in sec. 36.

S. 22° 59' E., 9.86 chs.

S. 41° 23' E., 15.37 chs.

S. 43° 33' E., 26.60 chs.

S. 37° 56' E., 12.92 chs.

S. 29° 47' E., 9.81 chs.

S. 16° 56' E., 3.50 chs.

S. 6° 24' W., 8.69 chs.

S. 22° 26' W., 10.06 chs. The meander cor. of sec. 36 on the S. bdy. of the township.

Land, bottom of Colorado River Canyon. Soil, rocks and sand silt. Timber, scattered to moderate willows and tamarisk along river. Undergrowth, scattered to moderate grass and sage.

**Meanders of the Left Bank of the Colorado River in Sec. 36**

From the meander cor. of secs. 25 and 36 and on the left bank of the Colorado River, which is monumented by an iron post, 2½ ins. diam., heretofore described.

Thence downstream with the meanders of the left bank of the river in sec. 36.

S. 37° 59' E., 26.53 chs.

S. 44° 25' E., 14.63 chs.

S. 37° 53' E., 16.22 chs.

S. 20° 18' E., 11.69 chs.

S. 7° 35' W., 7.84 chs.

S. 12° 49' E., 7.57 chs.

S. 10° 59' W., 9.73 chs. The meander cor. of sec. 36 on the S. bdy. of the township.

## Meanders of the Colorado River

## Chains

Land, bottom of Colorado River Canyon.  
 Soil, rocky and sand silt.  
 Timber, scattered to moderate willows and tamerisk along river bottom.  
 Undergrowth, scattered to moderate grass and sage.

## GENERAL DESCRIPTION

A small variation in land and soil is found in Tp. 40½ S., R. 9 E. The general elevation of the township ranges from approx. 3,270 ft. to 4,300 ft. above sea level. The highest point which is reached in sec. 35 is approx. 300 ft. higher. Most of the northern and western portion of the township is rolling sandstone with intermittent sandy depressions. The south central portion is gently rolling desert land with minor sandstone outcrops. The eastern portion of the township is broken high ledges and steep sandstone slopes. The soil throughout the central portion is sandy, the remainder being exposed sandstone and shallow sand.

The Colorado River cuts through the eastern portion of the township leaving the township in sec. 36. Numerous scenic boat trips are made throughout the major part of the year.

The only developments noticed at the present time is the improvement of the road to The Hole in the Rock, which runs through the southern portion of the township. There is a historical significance to The Hole in the Rock, with scenic and educational tours being conducted during the summer months.

The land is primarily used for the grazing of cattle, as there is a moderate to scattered growth of blackbrush, Brigham tea, grass, cacti, yellow brush and sage. The water supply is mostly collected by man-made reservoirs and natural pot holes, dependent on precipitation.

Most of the land is drained by Indian Creek and Clear Creek, draining northeasterly to the Escalante River.

Access to the survey lines was provided by helicopter.

## FIELD ASSISTANTS

16-53565-2

# CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, in  
pursuance of special instructions bearing date of the 27th day of August, 1956,  
I have surveyed the south boundary and a portion of the subdivision, and the meander  
of a portion of the Colorado River, Township 40 1/2 South, Range 9 East

of the Salt Lake Meridian, in the State of Utah, which are  
represented in the foregoing field notes as having been executed by me and under my direction; and that  
said survey has been made in strict conformity with said instructions, the Manual of Instructions for the  
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing  
field notes.

April 16, 1959

Salt Lake City, Utah

Boyd S. Owens

Boyd S. Owens, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_

\_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

## FIELD ASSISTANTS

10-53465-2

# CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor that, in  
pursuance of special instructions bearing date of the 27th day of August, 1936,  
I have surveyed the west boundary of Township 40½ South, Range 9 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

April 16, 1959  
Salt Lake City, Utah

Fred R. Chappell  
Fred R. Chappell, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ executed by \_\_\_\_\_  
\_\_\_\_\_ having been critically examined and found correct, are hereby approved.

**Cadastral Engineering Staff Officer.**

# CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

Cadastral Engineering Staff Office



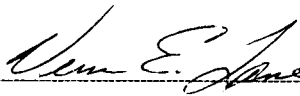
# CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1956, I have ~~surveyed~~ supervised the survey of the south and west boundaries, a portion of the subdivision, and the meanders of a portion of the Colorado River in Township 40½ South, Range 9 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

April 16, 1959

Salt Lake City, Utah



Vern E. Lane, Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., OCT 6 1959, 19

The foregoing field notes of the survey of the south and west boundaries, a portion of the subdivision, and the meanders of a portion of the Colorado River, Township 40½ South, Range 9 East, Salt Lake Meridian, Utah

executed by Boyd S. Owens and Fred R. Chappell, under the supervision of Vern E. Lane having been critically examined and found correct, are hereby approved.



Cadastral Engineering Staff Officer.

## CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in~~

~~, is a true copy of the original field notes.~~

~~Cadastral Engineering Staff Officer.~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

of the survey

South and East Boundaries

of

Portion of the Subdivision

of

Township 40 South, Range 2 East

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Kenneth D. Witt, Cartographic Survey Aid.

Robert C. Huddt, Cadastral Surveyor (Chief of Party)

Under special instructions dated June 25, 1956, which provided  
for the surveys included under Group No. 409, approved June 28, 1956  
and assignment instructions dated June 2, 1956

Survey commenced August 17, 1956

Survey completed October 10, 1956

# INDEX DIAGRAM

Township 40 South, Range 2 East

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19	20	21	12	22	23	24	25	6	
30	29	28	11	27	26	25	10	5	
31	19	32	18	33	11	34	35	9	36
1	2	3	3	4	4	4	4	4	5

16-50770-1

2490

## Township 40 South, Range 2 East

Chains

The north and west boundaries were surveyed concurrently under this same group and the record appears in the field notes of T. 39 S., R. 2 E. and T. 40 S., R. 1 E., respectively.

The following field notes are those of a survey of the south boundary or 8th Standard Parallel South, the east boundary, and that part of the subdivision of T. 40 S., R. 2 E., considered sufficient in extent to facilitate the development of the natural resources and to identify the boundaries of those sections normally considered as State school land. The corners along the latitudinal section lines were established on the true latitudinal curves and all corners of the subdivision are established at points calculated to be in the same position they would occupy if the entire township had been subdivided.

The survey was executed with Gurley Solar transit No. 541327, property of the Bureau of Land Management and constructed in accordance with their standard specifications. The horizontal plate has two double verniers placed opposite to each other and graduated to 30 seconds of arc. The instrument has a full vertical circle with one double vernier graduated to single minutes of arc. It is equipped with improved type solar attachment. Since this solar attachment was not used no description will be included here. The instrument was in good adjustment, and prior to the beginning of the field work it was examined and all errors eliminated. It was maintained in proper adjustment throughout the survey.

The geographic position of the southeast corner of the township, determined from data obtained from U. S. Geological Survey, is as follows. Latitude  $37^{\circ} 16' 57''$  N. and Longitude  $111^{\circ} 37' 58''$  W. The mean magnetic declination was found to be  $154^{\circ}$  East.

The directions of the lines of the survey were determined by reference to true meridian lines established on line by Polaris observations. The lines were carried forward as transit lines and checked by succeeding observations.

The measurements were made with a steel ribbon tape eight chains in length. This tape was graduated every link for the first chain and thereafter at ten link intervals. These tapes were tested by comparison with a steel tape, one chain in length and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by use of the clinometers, and the slope distance properly reduced to horizontal equivalents, which appear in these notes. In most cases the measurements were determined by chaining, but in some instances they were obtained by triangulation and others by traverses and offsets. The detail of these were verified and the true line distances only are reported in these field notes,

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Survey of the South Boundary of Township 40 South, Range 2 East  
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Beginning at the standard corner of Townships 40 South, Ranges 1 and 2 East, marked by an iron post, 3 ins. in diameter, conforming to the record.

Thence

East, along the south boundary of section 31.

Over mountainous land, through scattered timber and scant undergrowth.

.53

The closing cor. of Ts. 41 S., Rs. 1 and 2 E., mkd. by an iron post conforming to the record.

Chains

22.40

Edge of ledge, bears north and south, descend 780 ft.

40.00

Point for standard  $\frac{1}{4}$  section corner of section 31, S. 2

Over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, in large mound of stone, with brass cap marked.

S C

T40SR2E

 $\frac{1}{4}$  S31

1956

Descend 210 ft.

64.90

Wash, 30 lks. wide, 3 ft. deep, course south.

80.00

Point for standard corner of sections 31 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 20 ins. in the ground, surrounded by collar of stone, with brass cap marked.

S C

T40SR2E

S31/S32

1956

Deposit a sandstone rock, 4x3x3 ins., marked with a cross (X) at the base of the post.

Land, mountainous and broken.

Soil, sandy clay.

Timber, scattered growth of juniper and pinon.

Undergrowth, mountain rush, black brush and sagebrush.

East, along the south boundary of section 32.

Over mountainous land, with scant undergrowth.

Ascend 810 ft. over west slope.

40.00

Point for standard  $\frac{1}{4}$  section corner of section 32, falls on steep rocky west slope, where it is impractical to monument the corner.

47.65

On a high sandstone rim, bearing north and south, over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, in large mound of stone, as the witness standard  $\frac{1}{4}$  section corner, with brass cap marked.

S C

T40SR2E

 $\frac{1}{4}$  S32

WC

1956

Thence over level mesa land.

80.00

Point for standard corner of sections 32 and 33.

Over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, in large mound of stone, with brass cap marked.

S C

T40SR2E

S32/S33

1956

Land, western part mountainous and broken; eastern part level mesa.

Soil, sandy clay.

Timber, medium growth of juniper and pinon.

Undergrowth, scattered growth of mountain rush and black brush.

## 8th Standard Parallel South in Range 2 East

Chains	
40.00	<p>East, along the south boundary of section 33.</p> <p>Over level mesa land, through dense timber.</p> <p>Point for standard <math>\frac{1}{4}</math> section corner of section 33.</p>
	<p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. in diameter, 16 ins. in the ground, surrounded by collar of stone, with brass cap marked.</p> <p style="text-align: center;">S C T40SR2E <u><math>\frac{1}{4}</math> S33</u> 1956</p>
55.80	<p>from which</p> <p>A pinon, 12 ins. in diam., bears N. <math>3^{\circ}</math> E., 62 lks. dist., mkd. <math>\frac{1}{4}</math> S33 BE.</p> <p>A pinon, 12 ins. in diam., bears N. <math>45\frac{3}{4}^{\circ}</math> W., 92 lks. dist., mkd. <math>\frac{1}{4}</math> S33 BE.</p>
80.00	<p>Rim of canyon, bears southeast and northwest, descend 400 ft.</p>
	<p>Point for standard corner of sections 33 and 34.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. in diameter, 6 ins. in the ground, surrounded by large mound of stone, with brass cap marked.</p> <p style="text-align: center;">S C T40SR2E <u>S33/S34</u> 1956</p>
	<p>Deposit a sandstone rock, <math>4\frac{1}{2} \times 4 \times 3</math> ins., marked with a cross (X) at the base of the post.</p> <p>Land, level mesa in western portion and mountainous in eastern part.</p> <p>Soil, sandy clay.</p> <p>Timber, medium growth of juniper and pinon.</p> <p>Undergrowth, scattered growth of mountain rush and black brush.</p>
	-----
12.80	<p>East, along the south boundary of section 34.</p> <p>Over mountainous land, through medium dense timber.</p>
40.00	<p>Rocky spur, projecting northeast, descend 300 ft.</p>
	<p>Point for standard <math>\frac{1}{4}</math> section corner of section 34.</p> <p>Over a cross (X) cut in solid surface rock, set an iron post, 36 ins. long, 1 in. in diameter, in large mound of stone, with brass cap marked.</p> <p style="text-align: center;">S C T40SR2E <u><math>\frac{1}{4}</math> S34</u> 1956</p>
61.20	<p>Descend 425 ft. to wash in bottom of canyon.</p>
80.00	<p>Wash, 1.00 chain wide, 3 ft. deep, course south. Ascend 700 ft. over west slope.</p>
	<p>Point for standard corner of sections 34 and 35, falls on the face of sandstone ledge, where the monument cannot be perpetuated.</p>

## 8th Standard Parallel South in Range 2 East

Chains

Land, mountainous and broken.  
Soil, sandy clay.  
Timber, medium growth of juniper and pinon.  
Undergrowth, medium growth of mountain rush and black brush.

East, along the south boundary of section 35.

Over mountainous land, through medium dense timber.

- .81 On high sandstone rim, bearing north and south, over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, in large mound of stone, as the witness standard corner of sections 34 and 35, with brass cap marked.

S C  
T40SR2R  
← S34/S35 WC  
1956

- 40.00 Point for standard  $\frac{1}{4}$  section corner of section 35.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 20 ins. in the ground, with brass cap marked.

S C  
T40SR2R  
 $\frac{1}{4}$  S35  
1956

from which

A juniper, 10 ins. in diam., bears N.  $25^{\circ}$  E., 14 lks. dist., mhd.  
 $\frac{1}{4}$  S35 RT.

A juniper, 12 ins. in diam., bears N.  $40\frac{1}{2}^{\circ}$  W., 79 lks. dist., mhd.  
 $\frac{1}{4}$  S35 RT.

- 74.50 Spur, projecting south.

- 77.50 West rim of deep gulch, course south.

- 78.22 On a east slope, set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 6 ins. in the ground, surrounded by large mound of stone, as the witness standard corner of sections 35 and 36, with brass cap marked.

S C  
T40SR2R  
WC S35/S36 →  
1956

Deposit a sandstone rock,  $5x4x4$  ins., marked with a cross (X) at the base of the post.

- 80.00 True point for standard corner of sections 35 and 36, falls in deep rocky gulch, where it is impractical to monument the corner.

Land, mountainous and broken.  
Soil, sandy clay.  
Timber, medium growth of juniper and pinon.  
Undergrowth, black brush and sagebrush.

East, along the south boundary of section 36.

Over mountainous and broken land, through medium dense timber.

8th Standard Parallel South in Range 2 East

Chains 5.50	East rim of gulch, bears north and south.
40.00	Point for standard $\frac{1}{4}$ section corner of section 36. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 20 ins. in the ground, with brass cap marked. <div style="text-align: center;">S C T40S R2E <u>1 S36</u> 1956</div>
54.80	Deposit a sandstone rock, $4\frac{1}{2} \times 3$ ins., marked with a cross (X) at the base of the post. West rim of canyon, bears north and south. Descend 316 ft. over east slope.
80.00	Point for standard corner of Township 40 South, Ranges 2 and 3 East. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 10 ins. in the ground, surrounded by large mound of stone, with brass cap marked. <div style="text-align: center;">SC T40S R2E   R3E <u>S36   S31</u> 1956</div> Deposit a sandstone rock, $5\frac{1}{2} \times 4\frac{1}{2}$ ins., marked with a cross (X) at the base of the post. Land, mountainous and broken. Soil, sandy clay. Timber, medium growth of juniper and pinon. Undergrowth, scattered growth of mountain rush and sagebrush.
Survey of the East Boundary of Township 40 South, Range 2 East.	
Beginning at the standard corner of Township 40 South, Ranges 2 and 3 East.	
North, between sections 31 and 36.	
Over mountainous land, through scattered timber and scant undergrowth.	
1.00	Wash, course east.
6.50	Draw, course southeast about 6.00 chains, thence past.
24.70	Rim of deep wash, bears southeast and northwest. Descend 110 ft.
33.00	Wash, 50 lbs. wide, 30 ft. deep, course S. $30^{\circ}$ E.
40.00	Point for $\frac{1}{4}$ section corner of sections 31 and 36. Over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, in large mound of stone, with brass cap marked. <div style="text-align: center;">T40S <u>1</u> R2E   R3E <u>S36   S31</u> 1956</div>



## East Boundary of Township 40 South, Range 2 East

Chains	
	Ascend 300 ft. over south slope.
80.00	Point for corner of sections 25, 30, 31, and 36, falls on sandstone ledge, where the monument cannot be perpetuated. Land, mountainous and rocky. Soil, sandy clay. Timber, scattered growth of juniper and pinon. Undergrowth, scant growth of mountain rush and sagebrush.
	North, between sections 25 and 30.
	Over mountainous land, through scattered timber and scant undergrowth.
3.58	On high sandstone rim, bearing northeast and southwest, over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long, 2½ ins. in diameter, in large mound of stone, as the witness corner of sections 25, 30, 31, and 36, with brass cap marked. <div style="text-align: center;">WC T40S R2E R3E S25/S30 S36/S31 1956</div>
	Thence across flat top mesa.
40.00	Point for ¼ section corner of sections 25 and 30. Set an iron post, 30 ins. long, 2½ ins. in diameter, 22 ins. in the ground, with brass cap marked. <div style="text-align: center;">T40S ↑ R2E R3E S25/S30 1956</div>
	from which A juniper, 10 ins. in diam., bears N. 66½° E., 38 lks. dist., mkl. ¼ S30 BT. A pinon, 11 ins. in diam., bears N. 48½° W., 78 lks. dist., mkl. ¼ S25 BT.
75.66	Over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long, 2½ ins. in diameter, in large mound of stone, with brass cap marked, as the witness corner of section 19, 24, 25, and 30. <div style="text-align: center;">T40S R2E R3E S24/S19 S25/S30 W. G. Carter 1956</div>
80.00	True point for corner of sections 19, 24, 25, and 30, falls on steep rocky north slope where it is impractical to monument the corner. Land, mountainous land in north and south portions and level bench in the center. Soil, sandy clay. Timber, medium growth of juniper and pinon. Undergrowth, mountain rush and sagebrush.

East Boundary of Township 40 South, Range 2 East.

Chains	
8.60	North, between sections 19 and 24. Over mountainous land, through medium dense timber. (Approximate distance) to wash in bottom of canyon, course east.
32.51	Spur, projecting east, and point selected for witness $\frac{1}{4}$ section corner. Over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. in diameter, in large mound of stone, with brass cap marked. <div style="text-align: center;">           T408            ↑            R2E R3E            S24 S19            V. S.            1956         </div>
46.00	True point for $\frac{1}{4}$ section corner of sections 19 and 24, falls on a steep rocky north slope, where it is impractical to monument the corner.
52.50	(Approximate distance) wash in bottom of canyon, course southeast.
80.00	True point for corner of sections 13, 18, 19, and 24, falls on the face of sandstone wall, where the monument cannot be perpetuated. Land, mountainous and broken. Soil, sandy clay. Timber, medium growth of juniper and pinon. Undergrowth, scant growth of mountain rush and sagebrush.
<hr style="border-top: 1px dashed black;"/>	
	North, between sections 13 and 18. Over mountainous land, through dense timber.
.30	North rim of canyon, bears east and west.
.53	Over a cross (X) cut in solid sandstone rock, set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. in diameter, in large mound of stone, as the witness corner of sections 13, 18, 19, and 24, with brass cap marked. <div style="text-align: center;">           WC            T408            R2E R3E            S13 S18            S24 S19            1956         </div>
40.00	Thence across level mesa land. Point for $\frac{1}{4}$ section corner of sections 13 and 18. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. in diameter, 22 ins. in the ground, with brass cap marked. <div style="text-align: center;">           T408            ↑            R2E R3E            S13 S18            1956         </div>
	from which

East Boundary of Township 40 South, Range 2 East.

Chains

A juniper, 12 ins. in diam., bears S.  $69\frac{1}{2}^{\circ}$  E., 75 lks. dist., mkd.  
 $\frac{1}{4}$  S18 BT.  
 A juniper, 12 ins. in diam., bears S.  $69\frac{1}{2}^{\circ}$  W., 75 lks. dist., mkd.  
 $\frac{1}{4}$  S13 BT.

80.00

Point for the corner of sections 7, 12, 13, and 18.  
 Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40S  
 R2E R3E  
 S12 | S 7  
 S13 | S18  
 1956

from which

A pinon, 16 ins. in diam., bears S.  $83\frac{1}{2}^{\circ}$  E., 60 lks. dist., mkd.  
 T40SR3E S18 BT.  
 A pinon, 12 ins. in diam., bears S.  $19^{\circ}$  W., 147 lks. dist., mkd.  
 T40SR2E S13 BT.  
 A pinon, 16 ins. in diam., bears W.  $15\frac{1}{2}^{\circ}$  W., 51 lks. dist., mkd.  
 T40SR2E S12 BT.

Land, level mesa land.  
 Soil, sandy clay.  
 Timber, dense growth of juniper and pinon.  
 Undergrowth, scattered growth of sagebrush.

North, between sections 7 and 12.

Over level mesa land, through dense timber.

21.10

Leave timber, enter sagebrush flat.

40.00

Point for  $\frac{1}{4}$  section corner of sections 7 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40S  
 $\frac{1}{4}$   
 R2E R3E  
 S12 | S 7  
 1956

Mound of stone west of corner.

55.00

Leave sagebrush flat, enter timber.

80.00

Point for corner of sections 1, 6, 7, and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40S  
 R2E R3E  
 S 1 | S 6  
 S12 | S 7  
 1956

from which

A juniper, 8 ins. in diam., bears S.  $45\frac{1}{2}^{\circ}$  E., 12 lks. dist., mkd.  
 T40SR3E S7 BT.  
 A pinon, 16 ins. in diam., bears S.  $51^{\circ}$  W., 81 lks. dist., mkd.  
 T40SR2E S12 BT.

East Boundary of Township 40 South, Range 2 East.

Chains

Land, level mesa area.  
Soil, sandy clay loam.  
Timber, dense growth of juniper and pinon.  
Undergrowth, medium growth of sagebrush.

North, between sections 1 and 6.

Over level mesa land, through dense timber.

23.20

Ridge, bears east and west, descend 35 ft.

40.00

Point for  $\frac{1}{4}$  section corner of sections 1 and 6.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 12 ins. in the ground, surrounded by collar of stone, with brass cap marked.

T408  
+  
R2E R3E  
S 1 S 6  
1956

from which

A juniper, 6 ins. in diam., bears N.  $46\frac{1}{2}^{\circ}$  E., 24 lks. dist., mkd.  $\frac{1}{4}$  S6 BT.

A pinon, 6 ins. in diam., bears N.  $80\frac{1}{2}^{\circ}$  W., 5 lks. dist., mkd.  $\frac{1}{4}$  S1 BT.

80.00

Point for corner of Townships 39 and 40 South, Ranges 2 and 3 East.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T39S  
R2E R3E  
S36 S31  
S 1 S 6  
T40S  
1956

from which

A juniper, 6 ins. in diam., bears N.  $15\frac{1}{2}^{\circ}$  E., 52 lks. dist., mkd. T39SR3E S31 BT.

A juniper, 10 ins. in diam., bears S.  $5\frac{1}{4}^{\circ}$  W., 37 lks. dist., mkd. T40SR2E S1 BT.

A pinon, 8 ins. in diam., bears N.  $67\frac{1}{2}^{\circ}$  W., 68 lks. dist., mkd. T39SR2E S36 BT.

Land, rolling mesa land.  
Soil, sandy clay.  
Timber, dense growth of juniper and pinon.  
Undergrowth, scant growth of black brush and sagebrush.

Survey of a Portion of the Subdivision of T. 40 S., R. 2 E.

Beginning at the true point for the standard corner of sections 35 and 36 on the south boundary of the township, which is 1.78 chains east of the witness corner.

N.  $0^{\circ} 01'$  W., between sections 35 and 36.

Over rolling mesa land, through dense timber.

Subdivision of Township 40 South, Range 2 East.

- 32.40 Leave timber, enter sagebrush flat.
- 40.00 Enter timber and point for  $\frac{1}{2}$  section corner of sections 35 and 36.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 24 ins. in the ground, with brass cap marked.

T40SR2E

S35|S36  
1936

from which

- A juniper, 14 ins. in diam., bears N.  $83^{\circ}$  E., 62 lks. dist., and  $\frac{1}{2}$  S36 RT.
- A juniper, 12 ins. in diam., bears S.  $60\frac{1}{2}^{\circ}$  W., 13 lks. dist., and  $\frac{1}{2}$  S35 RT.

- 80.00 Point for corner of sections 25, 26, 35, and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 20 ins. in the ground, with brass cap marked.

T40SR2E

S26|S25  
S35|S36  
1936

from which

- A pinon, 10 ins. in diam., bears S.  $72^{\circ}$  W., 49 lks. dist., and T40SR2E S35 RT.
- A pinon, 13 ins. in diam., bears N.  $23\frac{1}{2}^{\circ}$  W., 54 lks. dist., and T40SR2E S26 RT.

Land, level mesa land.

Soil, sandy clay loam.

Timber, dense growth of juniper and pinon.

Undergrowth, black brush and sagebrush.

Beginning at the true point for corner of sections 25, 30, 31, and 36 on the east boundary of the township, which is 3.58 chains south of the witness corner.

S.  $89^{\circ} 56'$  W., between sections 25 and 36.

- 3.40 Rim of canyon, bears northeast and southwest.
- 6.20 Rocky spur, which projects south.
- 9.40 Rim of canyon, bears north and south.
- 21.50 (Approximate distance) wash in bottom of canyon, course southeast.
- 40.00 True point for  $\frac{1}{2}$  section corner of sections 25 and 36, falls on steep rocky east slope, where it is impractical to monument the corner.
- 45.66 Over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, in large mound of stone, as the witness  $\frac{1}{2}$  section corner of sections 25 and 36, with brass cap marked.

T40SR2E

WC  $\xrightarrow{\text{S35}}$   
S36  
1936

Corner located on sandstone rim, which bears north and south.

**Subdivision of Township 40 South, Range 2 East.**

Chains	
	Thence across rolling mesa land.
80.00	The corner of sections 25, 26, 35, and 36.
	Land, mountainous in the eastern part and mesa land in the western. Soil, sandy clay. Timber, dense growth of juniper and pinon. Undergrowth, scattered growth of mountain rush and sagebrush.
<hr/>	
	Beginning at the standard corner of sections 33 and 34 on the south boundary of the township.
	N. 0° 02' W., between sections 33 and 34.
	Over mountainous land, through medium dense timber.
7.00	Wash in bottom of canyon, course east. Ascend 400 ft. over south slope.
29.40	Rim of canyon, bears northeast and southwest.
37.05	Over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, in large mound of stone, as the witness $\frac{1}{4}$ section corner of sections 33 and 34, with brass cap marked.
	T40SR2E ↑ S33 S34 W C 1956
37.15	Rim of canyon, bears east and west.
40.00	True point for $\frac{1}{4}$ section corner of sections 33 and 34, falls on steep rocky northeast slope, where it is impractical to monument the corner.
62.50	(Approximate distance) wash in bottom of canyon, course southeast.
77.60	Rim of canyon, bears east and west.
79.44	Over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, in large mound of stone, as the witness corner of sections 27, 28, 33, and 34, with brass cap marked.
	T40SR2E S28 S27 S33 S34 W C 1956
80.00	True point for corner of sections 27, 28, 33, and 34, falls on the face of sandstone ledge, where the monument cannot be perpetuated.
	Land, mountainous and broken. Soil, sandy clay. Timber, scattered growth of juniper and pinon. Undergrowth, scattered growth of mountain rush and black brush.
<hr/>	
	N. 0° 02' W., between sections 27 and 28.
	Over mountainous land, through medium dense timber.
13.50	(Approximate distance) wash in bottom of canyon, course southeast.

## Subdivision of Township 40 South, Range 2 East.

Chains	
20.50	Rim of canyon, bears southeast and northwest.
40.00	Point for $\frac{1}{4}$ section corner of sections 27 and 28.  Over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, in large mound of stone, with brass cap marked. <div style="text-align: center;">T40SR2E ↑ S28 S27 1956</div>
42.50	Rim of canyon, bears northeast and southwest.
52.00	(Approximate distance) wash, course west.
59.00	Rim of canyon, bears east and west.
80.00	Point for corner of sections 21, 22, 27, and 28.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 22 ins. in the ground, with brass cap marked. <div style="text-align: center;">T40SR2E S21 S22 S28 S27 1956</div> from which  A pinon, 6 ins. in diameter, bears N. $37^{\circ}$ E., 53 lks. dist., mkl. T40SR2E S22 BT. A pinon, 12 ins. in diameter, bears N. $46^{\circ}$ W., 13 lks. dist., mkl. T40SR2E S21 BT.  Land, mountainous and broken. Soil, sandy clay. Timber, medium growth of juniper and pinon. Undergrowth, scattered growth of mountain rush and black brush.
<hr style="border-top: 1px dashed black;"/>	
	N. $0^{\circ} 02'$ W., between sections 21 and 22.  Over rolling mesa land, through dense timber. Ascend 20 ft. over gradual south slope.
40.00	Point for $\frac{1}{4}$ section corner of sections 21 and 22.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 22 ins. in the ground, with brass cap marked. <div style="text-align: center;">T40SR2E ↑ S21 S22 1956</div> from which  A juniper, 24 ins. in diam., bears N. $65\frac{1}{2}^{\circ}$ E., 102 lks. dist., mkl. $\frac{1}{4}$ S22 BT. A juniper, 14 ins. in diam., bears S. $61\frac{1}{2}^{\circ}$ W., 66 lks. dist., mkl. $\frac{1}{4}$ S21 BT.
80.00	Point for corner of sections 15, 16, 21, and 22.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 22 ins. in the ground, with brass cap marked.

Subdivision of Township 40 South, Range 2 East.

Chains

T40SR2E  
S16/S15  
S22/S22  
1956

from which

- A pinon, 18 ins. in diam., bears N.  $20\frac{1}{2}^{\circ}$  E., 65 lns. dist., whd. T40SR2E S15 HT.
- A pinon, 10 ins. in diam., bears S.  $61\frac{1}{2}^{\circ}$  E., 86 lns. dist., whd. T40SR2E S22 HT.
- A pinon, 20 ins. in diam., bears N.  $44^{\circ}$  W., 61 lns. dist., whd. T40SR2E S16 HT.

Land, level mesa land.  
Soil, sandy clay.  
Timber, dense growth of juniper and pinon.  
Undergrowth, scattered sagebrush.

N.  $0^{\circ} 02'$  W., between sections 15 and 16.

Over level mesa land, through dense timber.

40.00

Point for  $\frac{1}{4}$  section corner of sections 15 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40SR2E  
+  
S16/S15  
1956

from which

- A juniper, 8 ins. in diam., bears N.  $72^{\circ}$  E., 38 lns. dist., whd.  $\frac{1}{4}$  S15 HT.
- A pinon, 10 ins. in diam., bears N.  $62\frac{1}{2}^{\circ}$  W., 73 lns. dist., whd.  $\frac{1}{4}$  S16 HT.

Ascend 50 ft. over gradual south slope.

80.00

Point for corner of sections 9, 10, 15, and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40SR2E  
S 9/S10  
S16/S15  
1956

from which

- A pinon, 20 ins. in diam., bears S.  $8\frac{1}{2}^{\circ}$  E., 59 lns. dist., whd. T40SR2E S15 HT.
- A pinon, 10 ins. in diam., bears N.  $87\frac{1}{2}^{\circ}$  W., 86 lns. dist., whd. T40SR2E S9 HT.

Land, level mesa land.  
Soil, sandy clay loam.  
Timber, dense growth of juniper and pinon.  
Undergrowth, scattered growth of sagebrush.

N.  $0^{\circ} 02'$  W., between sections 9 and 10.

Over level mesa land, through dense timber.



## Subdivision of Township 40 South, Range 2 East.

Chains  
40.00Point for  $\frac{1}{4}$  section corner of sections 9 and 10.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40SR2E

$$\begin{array}{r} \uparrow \\ S\ 9\ | S\ 10 \\ 1956 \end{array}$$

from which

A pinon, 10 ins. in diam., bears S.  $85^{\circ}$  E., 95 lks. dist., mkd.  
 $\frac{1}{4}$  S10 BT.A pinon, 10 ins. in diam., bears N.  $79^{\circ}$  W., 57 lks. dist., mkd.  
 $\frac{1}{4}$  S9 BT.

52.90

Small drain, course northwest.

72.50

Ridge, bears southeast and northwest.

80.00

Point for corner of sections 3, 4, 9, and 10.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40SR2E

$$\begin{array}{r} S\ 4\ | S\ 3 \\ S\ 9\ | S\ 10 \\ 1956 \end{array}$$

from which

A pinon, 10 ins. in diam., bears N.  $46\frac{1}{2}^{\circ}$  E., 89 lks. dist., mkd.  
T40SR2E S3 BT.A pinon, 14 ins. in diam., bears N.  $37\frac{1}{2}^{\circ}$  W., 41 lks. dist., mkd.  
T40SR2E S4 BT.

Land, rolling mesa land.

Soil, sandy clay.

Timber, dense growth of juniper and pinon.

Undergrowth, scant growth of black brush and sagebrush.

N.  $0^{\circ}$   $07'$  W., between sections 3 and 4.

Over rolling mesa land, through dense timber.

40.00

Point for  $\frac{1}{4}$  section corner of sections 3 and 4.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40SR2E

$$\begin{array}{r} \uparrow \\ S\ 4\ | S\ 3 \\ 1956 \end{array}$$

Raise a mound of stone west of post.

45.30

Large wash, 30 lks. wide, 10 ft. deep, course northwest.

79.88

The corner of sections 3, 4, 33, and 34, on the north boundary of the township, marked by an iron post,  $2\frac{1}{2}$  ins. in diameter, conforming to the record of the survey of T. 39 S., R. 2 E., concurrently surveyed.

Land, rolling mesa land.

Soil, sandy clay.

Timber, dense growth of juniper and pinon.

Subdivision of Township 40 South, Range 2 East.

Chains

Undergrowth, scant growth of black brush and sagebrush.

Beginning at the corner of sections 1, 2, 35, and 36, on the north boundary of the township, marked by an iron post,  $2\frac{1}{2}$  ins. in diam., conforming to the record of the survey of T. 39 S., R. 2 E., concurrently surveyed.

S.  $0^{\circ} 01'$  E., between sections 1 and 2.

Over level mesa land, through dense timber.

Ascend 80 ft. over gentle north slope.

39.96

Point for  $\frac{1}{4}$  section corner of sections 1 and 2.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40SR2E

$\frac{1}{4}$   
S 2 | S 1  
1956

from which

A pinon, 10 ins. in diam., bears N.  $77\frac{1}{2}^{\circ}$  E., 66 lks. dist., mhd.  
 $\frac{1}{4}$  S1 BT.

A pinon, 10 ins. in diam., bears S.  $26\frac{1}{2}^{\circ}$  W., 26 lks. dist., mhd.  
 $\frac{1}{4}$  S2 BT.

79.96

Point for corner of sections 1, 2, 11, and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 12 ins. in the ground, surrounded by mound of stone, with brass cap marked.

T40SR2E

$\frac{1}{4}$   
S 2 | S 1  
S11 | S12  
1956

from which

A pinon, 10 ins. in diam., bears S.  $81\frac{1}{2}^{\circ}$  E., 31 lks. dist., mhd.  
T40SR2E S12 BT.

A pinon, 10 ins. in diam., bears N.  $17\frac{1}{2}^{\circ}$  W., 39 lks. dist., mhd.  
T40SR2E S2 BT.

Land, level mesa land.

Soil, sandy clay.

Timber, dense growth of juniper and pinon.

Undergrowth, scant growth of sagebrush.

West, between sections 2 and 11.

Over level mesa land, through dense timber.

15.50

Spur, projecting south.

40.00

Point for  $\frac{1}{4}$  section corner of sections 2 and 11.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40SR2E

$\frac{1}{4}$   
S 2  
S11  
1956

from which

A pinon, 16 ins. in diam., bears N.  $12\frac{1}{2}^{\circ}$  E., 54 lks. dist., mkd.  
 $\frac{1}{2}$  S2 HT.  
 A pinon, 20 ins. in diam., bears S.  $63^{\circ}$  E., 48 lks. dist., mkd.  
 $\frac{1}{2}$  S11 HT.

63.70 Spar, projecting south.

80.00 Point for corner of sections 2, 3, 10, and 11.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40SR2E  
 S 3 | S 2  
 S10 | S11  
 1956

from which

A pinon, 20 ins. in diam., bears S.  $79\frac{1}{2}^{\circ}$  E., 108 lks. dist., mkd.  
 T40SR2E S11 HT.  
 A pinon, 12 ins. in diam., bears N.  $37\frac{1}{2}^{\circ}$  W., 107 lks. dist., mkd.  
 T40SR2E S3 HT.

Land, rolling mesa land.

Soil, sandy clay.

Timber, dense growth of juniper and pinon.

Undergrowth, scant growth of sagebrush.

N.  $0^{\circ} 01'$  E., between sections 2 and 3.

Over rolling mesa land, through dense timber.

20.50 Small ridge, bears east and west.

40.00 Point for  $\frac{1}{2}$  section corner of sections 2 and 3.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40SR2E  
 $\frac{1}{2}$   
 S 3 | S 2  
 1956

from which

A pinon, 16 ins. in diam., bears N.  $88\frac{1}{2}^{\circ}$  E., 49 lks. dist., mkd.  
 $\frac{1}{2}$  S2 HT.  
 A pinon, 12 ins. in diam., bears S.  $56\frac{1}{2}^{\circ}$  W., 59 lks. dist., mkd.  
 $\frac{1}{2}$  S3 HT.

45.20 Leave timber, enter sagebrush flat.

53.20 Leave sagebrush flat, enter timber.

65.50 Leave timber, enter sagebrush flat.

79.92 The corner of sections 2, 3, 34, and 35, on the north boundary of the township, marked by an iron post,  $2\frac{1}{2}$  ins. in diameter, conforming to the record of the survey of T. 39 S., R. 2 E., concurrently surveyed.

Land, level mesa land.

Soil, sandy clay.

Timber, medium dense growth of juniper and pinon.

Undergrowth, medium growth of sagebrush.

Subdivision of Township 40 South, Range 2 East.

Chains	
	Beginning at the corner of sections 15, 16, 21, and 22. West, between sections 16 and 21. Over rolling mesa land, through dense timber.
27.00	Raw, course south.
40.00	Point for $\frac{1}{2}$ section corner of sections 16 and 21. Over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. in diameter, in large mound of stone, with brass cap marked. <div style="text-align: center;">T40SR2E <math>\frac{1}{2}</math> <math>\frac{S16}{S21}</math> 1956</div>
80.00	Ascend 100 ft. over east slope. Point for corner of sections 16, 17, 20, and 21. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. in diameter, 22 ins. in the ground, with brass cap marked. <div style="text-align: center;">T40SR2E <math>\frac{S17}{S20}</math> <math>\frac{S16}{S21}</math> 1956</div> <p>from which</p> <p>A pinon, 10 ins. in diam., bears S. 79<math>\frac{1}{2}</math>° E., 79 lks. dist., mkd. T40SR2E S21 BT. A juniper, 8 ins. in diam., bears S. 46<math>\frac{1}{2}</math>° W., 24 lks. dist., mkd. T40SR2E S20 BT. A juniper, 16 ins. in diam., bears N. 60° W., 96 lks. dist., mkd. T40SR2E S17 BT.</p> <p>Land, rolling mesa land. Soil, sandy clay. Timber, dense growth of juniper and pinon. Undergrowth, scant growth of black brush and sagebrush.</p> <hr style="border-top: 1px dashed black;"/>
40.00	N. 0° 03' W., between sections 16 and 17. Over rolling mesa land, through dense timber. Point for $\frac{1}{2}$ section corner of sections 16 and 17. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. in diameter, 22 ins. in the ground, with brass cap marked. <div style="text-align: center;">T40SR2E <math>\frac{1}{2}</math> <math>\frac{S17}{S16}</math> 1956</div> <p>from which</p> <p>A pinon, 14 ins. in diam., bears N. 42<math>\frac{1}{2}</math>° E., 37 lks. dist., mkd. <math>\frac{1}{2}</math> S16 BT. A juniper, 14 ins. in diam., bears S. 52<math>\frac{1}{2}</math>° W., 36 lks. dist., mkd. <math>\frac{1}{2}</math> S17 BT.</p>
80.00	Point for corner of sections 8, 9, 16, and 17.

## Subdivision of Township 40 South, Range 2 East.

Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40SR2E

 $\frac{1}{4}$  S 8 | S 9

S17 | S16

1956

from which

A juniper, 8 ins. in diam., bears S.  $10\frac{1}{4}^{\circ}$  E., 27 lks. dist., mkd.  
T40SR2E S16 BT.

A juniper, 10 ins. in diam., bears N.  $19\frac{1}{4}^{\circ}$  W., 14 lks. dist., mkd.  
T40SR2E S8 BT.

Land, rolling mesa land.

Soil, sandy clay.

Timber, dense growth of juniper and pinon.

Undergrowth, scant growth of black brush and sagebrush.

Beginning at the corner of sections 9, 10, 15, and 16.

S.  $89^{\circ} 59'$  W., between sections 9 and 16.

Over level mesa land, through dense timber.

39.98

Point for  $\frac{1}{4}$  section corner of sections 9 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40SR2E

 $\frac{1}{4}$   $\frac{S 9}{S16}$ 

1956

from which

A pinon, 20 ins. in diam., bears S.  $37^{\circ}$  E., 26 lks. dist., mkd.  
 $\frac{1}{4}$  S16 BT.

A juniper, 12 ins. in diam., bears N.  $87\frac{1}{4}^{\circ}$  W., 30 lks. dist., mkd.  
 $\frac{1}{4}$  S9 BT.

79.96

The corner of sections 8, 9, 16, and 17.

Land, level mesa land.

Soil, sandy clay.

Timber, dense growth of juniper and pinon.

Undergrowth, scant growth of sagebrush.

Beginning at the standard corner of sections 32 and 33 on the south boundary of the township.

N.  $0^{\circ} 03'$  W., between sections 32 and 33.

Over rolling mesa land, through dense timber.

40.00

Point for  $\frac{1}{4}$  section corner of sections 32 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diameter, 22 ins. in the ground, with brass cap marked.

T40SR2E

 $\frac{1}{4}$  S32 | S33

1956

## Subdivision of Township 40 South, Range 2 East

Chains	
	Deposit a sandstone rock, 4x3x3 ins., marked with a cross (X) at the base of the post.
68.20	Descend 180 ft. over north slope.
76.30	Head of draw, course northwest.
89.00	Point for corner of sections 28, 29, 32, and 33.
	Set an iron post, 30 ins. long, 2½ ins. in diameter, 12 ins. in the ground, surrounded by collar of stone, with brass cap marked.
	T40SR2E S29 S28 S32 S33 1956
	Land, rolling mesa in southern part and broken in northern part. Soil, sandy clay loam. Timber, medium growth of juniper and pinon. Undergrowth, black brush and sagebrush.
	-----
	Beginning at the standard corner of sections 31 and 32 on the south boundary of the township.
	N. 0° 03' N., between sections 31 and 32.
	Over broken, rocky land, through scattered timber.
	Ascend 150 ft. over southwest slope.
17.60	Spur, projecting northwest, descend 115 ft.
40.00	Point for ¼ section corner of sections 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. in diameter, 8 ins. in the ground, surrounded by mound of stone, with brass cap marked.
	T40SK2E ¼ S31 S32 1956
	Deposit a sandstone rock, 4x3x3 ins., marked with a cross (X) at the base of the post.
43.50	Wash, course southwest, ascend 450 ft. over south slope.
71.90	Sandstone ledge, bears southeast and northwest.
78.72	Edge of sandstone ledge, bearing northeast and southwest, over a cross (X) cut in solid surface rock, set an iron post, 30 ins. long, 2½ ins. in diameter, in large mound of stone, as the witness corner of sections 29, 30, 31 and 32, with brass cap marked.
	T40SR2E S30 S29 S31 S32 W C 1956
80.00	True point for corner of sections 29, 30, 31 and 32, falls on the face of sandstone cliff, where the monument cannot be perpetuated.
	Land, mountainous and broken. Soil, sandy clay. Timber, scattered growth of juniper and pinon. Undergrowth, scattered mountain rush and sagebrush.

## Subdivision of Township 40 South, Range 2 East

Chains

From the cor. of secs. 28, 29, 32 and 33.

S. 89° 59' W., between sections 29 and 32.

Over mountainous land, through medium-dense timber.

1.00 Deep draw, course north, ascend 105 ft. over east slope.

4.00 Top of ascent, edge bears north and south, continue over level flat top.

20.70 Rim of canyon, bears north and south, descend 650 ft.

39.96 Point for  $\frac{1}{4}$  section corner of sections 29 and 32.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. in diameter, 8 ins. in the ground, surrounded by large mound of stone, with brass cap marked.

T40SR2E

$$\frac{1}{4} \frac{S29}{S32}$$

1956

Deposit a sandstone rock, 4x3x3 ins., marked with a cross (X) at the base of the post.

48.40 Large wash, course southwest. Ascend 600 ft. over southeast slope.

76.62 Rocky spur, projecting south. Descend 190 ft.

79.92 The corner of sections 29, 30, 31 and 32.

Land, mountainous and broken.

Soil, sandy clay.

Timber, scattered juniper and pinon.

Undergrowth, scattered growth of mountain rush and sagebrush.

## General Description

The land within T. 40 S., R. 2 E. is principally rolling and broken mesa land, with southern exposure and drainage towards the Colorado River. There are three canyons draining southeasterly from the township. The canyons attain a maximum depth of approximately 900 ft.

The soil is principally a sandy clay, covered with scattered growth of mountain rush, black brush, and sagebrush. A medium growth of juniper and pinon is found throughout the major part of the township.

The only water located in the township was found to be in Four Mile Canyon, located in northeast part of section 6.

CERTIFICATE OF CADASTRAL ENGINEER

**UNITED STATES**

**DEPARTMENT OF THE INTERIOR**

BUREAU OF LAND MANAGEMENT

## FIELD ASSISTANTS

[illegible]



# CERTIFICATE OF CADASTRAL ENGINEER

(3061, 10-53)

I, Kenneth D. Witt, Cartographic Surveying ENGINEER, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 25 day of June, 1956,

I have surveyed south and east boundaries and portion of the subdivision of Township 40 South, Range 2 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

March 8, 1957

Salt Lake City, Utah

Kenneth D. Witt  
Kenneth D. Witt  
Cartographic Surveying

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Chief, Division of Cadastral Engineering.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Chief, Division of Cadastral Engineering.

# CERTIFICATE OF CADASTRAL ENGINEER

I, Robert C. Yundt, HEREBY CERTIFY upon honor that, in  
pursuance of special instructions bearing date of the 25 day of June, 1956,  
I have ~~personally~~ supervised the survey of the south and east boundaries and portion  
of the subdivision of Township 40 South, Range 2 East.

of the Salt Lake Meridian, in the State of Utah, which are  
represented in the foregoing field notes as having been under my supervision  
~~executed by me and under my supervision~~; and that  
said survey has been made in strict conformity with said instructions, the Manual of Instructions for the  
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing  
field notes.

March 8, 1957  
Salt Lake city, Utah

Robert C. Yundt  
Robert C. Yundt  
Cadastral Surveyor

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., SEP 13 1957, 19

The foregoing field notes of the survey of south and east boundaries and portion of the  
subdivision of Township 40 South, Range 2 East of the Salt Lake Meridian, Utah

executed by Kenneth D. Witt, under the supervision of Robert C. Yundt  
having been critically examined and found correct, are hereby approved.

James B. Clement  
Chief, Division of Cadastral Engineering.  
Acting Cadastral Engineering Staff Officer

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in  
, is a true copy of the original field notes.

Chief, Division of Cadastral Engineering.